Accurate

INSTRUMENTS AND SAFETY

Supplying the New Zealand surveying, infrastructure, inspection and technical safety markets since 1994.

Catalogue
2023/24 ISSUE

FREEPHONE 0800 500 380
www.accurate.kiwi

Tested, Calibrated & Certified in New Zealand

Accurate
WARRANTY
& SERVICE

SITE COMPLIANT

ISO:9001 REGISTERED

Accurate

SERVICE & CALIBRATION CENTRES

CALIBRATION, QA TESTING AND SUPPORT

Operating one of the largest technical service departments for survey, leveling and technical safety in Australasia, Accurate's Service Technicians provide the backup and support of our products, with calibration, certification and repairs of our equipment when required.

We have the computer software programmes, specialised tooling, vibration/shock analysis, digital calibration machines, collimator jigs and baselines that allow us to test, calibrate instruments, all within an acceptable industry time period.

Many of Accurate's Service Engineers are trained internationally at our manufacturers' facilities. They have the most current updates on all products, which include both hardware and firmware upgrades, modifications or factory changes.

CompliancePlus
SERVICE & ASSET MANAGEMENT

ASSET MANAGEMENT CONTROL

Registering your equipment with CompliancePlus provides online software to assist companies to monitor, service and maintain calibration of their asset equipment and instruments.

Keep track of plant equipment and instruments, with calibration dates and automatic calibration reminders sent when due via e-mail. Have access to calibration certificates along with the history of servicing conducted on the instrument including next due dates. Have access to the database to multiple users within an organisation.

Accurate
Tested, Calibrated & Certified in New Zealand
WARRANTY & SERVICE
SITE COMPLIANT
ISO:9001 REGISTERED

LASER LEVELS

ROTATING, GRADE, PIPE, DOT AND LINE LASERS

Site, construction, internal fitout leveling and alignment solutions from the world's best laser brands, all supported and serviced in New Zealand.

GENERAL BUILDING & CONSTRUCTION

AUTOMATIC SINGLE & DUAL GRADE

PIPE & DRAINAGE LASERS

INTERNAL FITOUT DOT & LINE

PRO SHOT —LASER—

SPECTRA PRECISION

PLS

8 YEAR WARRANTY

BEST SELLER ✓

PRO SHOT
ALPHA

High accuracy self leveling automatic horizontal laser level with manual slope matching and cross-axis self leveling.

Packages
- Alpha/R9 receiver and tripod
- Alpha/HL450 digital receiver and tripod
- Alpha/HL700 precision digital receiver and tripod

SPECTRA PRECISION
LL300S

High accuracy self leveling automatic horizontal laser level with manual slope matching, vertical capability and optional smart apps.

Packages
- LL300S/HL450 digital receiver and tripod
- LL300S/HL700 precision digital receiver and tripod
- LL300S/HL760 radio digital receiver, RC402N remote and tripod

SPECTRA PRECISION
HV302

High accuracy self leveling automatic horizontal and vertical laser level with slope matching and optional smart apps. **Green beam** internal model available.

Packages
- HV302/HL450 digital receiver and tripod
- HV302/HL700 precision digital receiver and tripod
- HV302/HL760 radio digital receiver, RC402N and tripod

6 YEAR WARRANTY

SINGLE SLOPE

SINGLE SLOPE

DUAL SLOPE

PRO SHOT
AS2

One of NZs most popular grade lasers. An economical yet performance driven dial-in fully automatic single grade laser. Long range **AS2 Magnum** model available with cross fall S2 adapter.

Packages
- AS2/R9 receiver
- Alpha/HL450 digital receiver
- Alpha/HL700 precision digital receiver

SPECTRA PRECISION
GL412N

Dial-in automatic single grade laser level with PlaneLok smart technology, packed with features designed for efficiency, accuracy and performance.

Packages
- GL412N/HL450 digital receiver
- GL412N/HL700 precision digital receiver

SPECTRA PRECISION
GL422N

Dial-in automatic dual grade laser level with PlaneLok smart technology, packed with features designed for efficiency, accuracy and performance.

Packages
- GL422N/HL450 digital receiver
- GL422N/HL700 precision digital receiver

AUTOMATIC GRADE & PIPE LASERS

SPECTRA PRECISION
GL1425C

Feature packed fully automatic precision dial-in dual grade laser with smart apps and Bluetooth. The self-leveling dual grade laser is the most rugged, cost-effective laser that does three jobs - level, grade, and vertical alignment.

Features
- Bluetooth remote control, 800m operating range, +/- 15% dual grade capability, 900RPM rotation speed, Automatic Grade Match

SPECTRA PRECISION
GL622N

Dial-in automatic dual grade laser level with smart technology for performance critical civil construction, drainage, sports/tennis turf fields, parking lots and earthmoving contractors.

Features
- Automatic Axis Alignment, PlaneLok, Automatic Grade Match, +/- 25% dual grade capability, Infared model available

SPECTRA PRECISION
UL633N

The world's first construction laser allowing total automatic control of all three axes, combines dual grade functionality, dual grade axis alignment with trench and pipe laying setout.

Features
- Vertical pipe laser mode with LED target scanning, PlaneLok, Dual-Automatic Grade Match, +/- 25% dual grade capability

SPECTRA PRECISION
DG211

The DG211 is a compact, automatic self-leveling pipe laser used for installing gravity-flow sanitary pipe. With a grade range of -20% to +30%, it can handle a wide variety of jobsite requirements. The compact design is specifically designed to fit in 100mm (4 in) pipe diameters.

SPECTRA PRECISION
DG SERIES

Spectra's performance range of pipe lasers, with smart target alignment and line control. DG613 available as red or green beam.

DG813 available with the SF803 smart targeting spot finder.

GEOMAX ZETA
ARROW4 SERIES

The heavy duty cast aluminium pipe laser features a grade input range of -10 to +40%, with self leveling in both the main and cross axis. The economical Arrow4 consists of **four** models, available in red or green beams, with out of the trench one button alignment or vertical receiver alignment scanning (S models).

PLS
3G & 3R

The PLS 3G and 3R models are the ideal laser tool for the contractor searching for a professional trade quality plumb dot laser. Ideally suited to HVAC, steel framers, electrical, interior fit out and general contractors who require the need to transfer floor to ceiling points.

Features
- Accuracy +/- 3mm per 10 Metres
- Self levelling range of +/- 4°
- Operating visibility range 15-20m

PLS
5G & 5R

Available in the standard red or extra bright green laser diodes, the PLS 5 models are designed for general construction, boat builders, electricians, glaziers and commercial interior fit out contractors.

Features
- Self levelling range of +/- 4°
- Operating visibility range 20m
- Pendulum target for exact point markout

PLS
6G & 6R

Available in either red or green beam, the PLS 6 eliminates the need for two separate laser tools. It is a five beam point and a crossline laser combined into one easy to use convenient laser product.

Features
- Accuracy +/- 3mm per 10m
- Self levelling range of +/- 4°
- Operating visibility range 15-20m
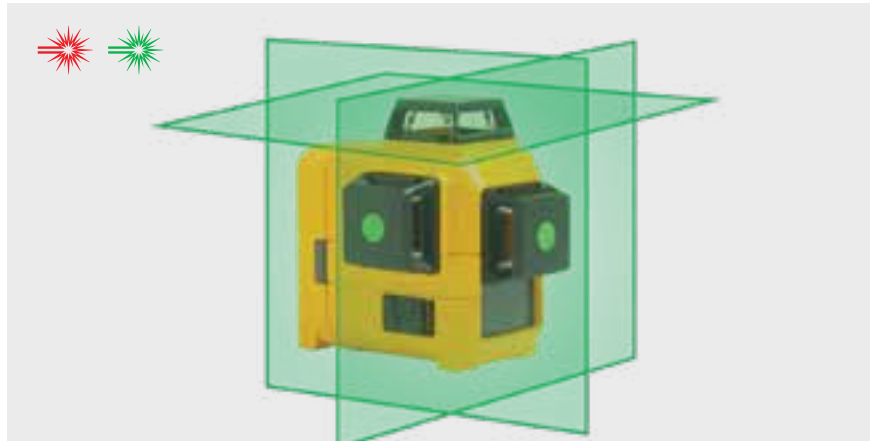- Optional outdoor SLD receivers

Accurate BEST SELLER ✓

PLS
180G & 180R

A popular choice among internal fit out contractors, the PLS 180 models are available in the standard red or extra bright green laser diodes. The PLS 180 models can be placed on the floor, tripod mounted or magnetically mounted.

Features
- Accuracy +/- 3mm per 10m
- Self levelling range of +/- 4°
- Operating visibility range 15-20m
- Optional outdoor SLD receivers

PLS 3X360G & 3X360R

The PLS3x360 laser is the perfect all round internal fit out laser tool. Available in bright green or red beam models, the 3x360 features three full 360 degree laser beams for level, plumb and square. This versatile laser level features best-in-class accuracy as well as a rechargeable battery pack and a magnetic bracket.

Features
- Accuracy +/- 2mm per 10m
- Self levelling range of +/- 4°
- Operating visibility range 15-20m
- Rechargeable Battery System
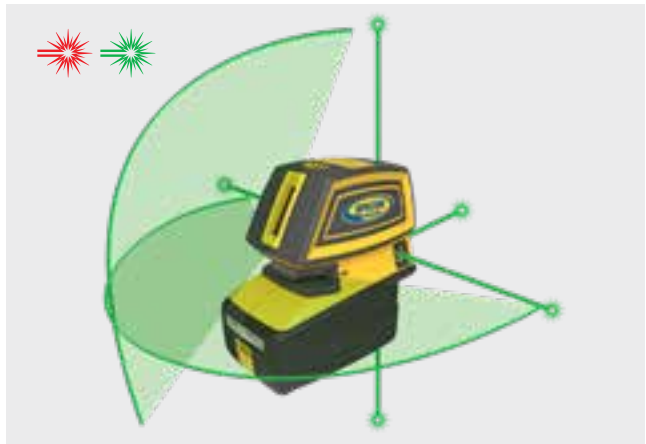
PLUMB & LEVEL, SQUARE DOT LASERS

SPECTRA PRECISION
LP51G & LP51

The LP51 will self-level up to 4 degrees. If the surface is too far from level the laser beams will flash twice a second to indicate the user. Package is supplied with a universal magnetic base and either a green or red target. It is ideal for transferring points from floor to ceiling, wall to wall or to reference a 90 degree square.

Features
- Self Levelling Range of +/- 4°
- Operating Visibility Range Typically 20 Metres
- Universal Magnetic Base
- Available with either a red or highly visible green laser

SPECTRA PRECISION
LT52G & LT52R

One of our most popular line and dot lasers, the LT52 from Spectra Precision is available in either standard red or extra bright green beam. This combination plumb, level, square dot and a horizontal cross line laser, eliminates the need for two separate laser tools.

Features
- Combination Plumb Level, Square, Dot and Line
- Self Levelling Range of +/- 3°
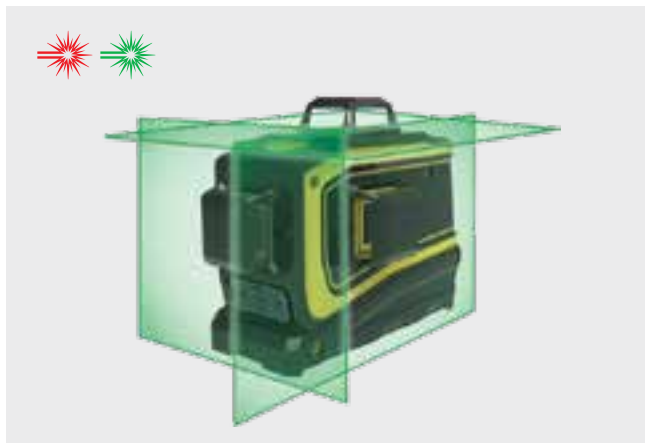- Rechargeable Battery System
- Optional Outdoor Laser Line Receiver

SPECTRA PRECISION
LT20G

The Spectra Precision LT20G Cross Line Laser Tool is an automatic self-levelling green beam laser that projects ultra-bright horizontal and vertical green laser lines. The standard package includes a universal magnetic wall and ceiling mount so the laser can be used for suspended ceiling and partitioning.

Features
- Two Bright Highly-visible Green Laser Lines
- Accuracy +/- 3mm per 10 metres
- Pendulum Lock
- Operating Visibility Range Typically 15-20 metres

SPECTRA PRECISION
LT58G

The ultimate internal laser tool. The LT58G features three extra bright 360 degree laser lines, providing plumb, level and square from the one laser tool. The standard package includes a universal magnetic wall and ceiling mount so the laser can be used for suspended ceiling and partitioning.

Features
- Three Highly-visible Green 360 Degree Laser Lines
- Accuracy +/- 2mm per 10 metres
- Rechargeable Battery System
- Optional Outdoor Laser Line Receiver

SPECTRA PRECISION
HL450

The HL450 from Spectra is the entry level digital rotating laser receiver for use with rotating red beam laser levels. The exact amount of millimetres (high or low) to level is displayed on the easy to read large LCD display, with a digital range of +/ - 40mm. Featuring front and rear LCD displays.

Features
- Operating radius over 200m
- Backlit LCD Display
- Waterproof IP67
- 3 Year Automatic Warranty

SPECTRA PRECISION
HL700

Displays the millimetres (high or low) to level on an easy to read backlit dual sided LCD display. The HL700 is different to all the basic conventional laser receivers AND simple digital receivers on the market. With 'light bar' technology, laser detection resolution is nearly infinite allowing greater accuracy and consistency when compared to basic receivers, as fine as +/- 0.5mm!

Features
- Patented SuperCell™ Receiving Technology
- Laser Detection Height of 127mm
- Backlit LCD Display
- Automatic Height Capture Function

SPECTRA PRECISION
HL760 & HL760U

The HL760 is a smart communication 'mm digital readout' rotating laser receiver. The built-in radio communication can be used for long range remote display and monitoring capability when paired with the Spectra Precision radio enabled lasers.

Features
- 2-way Connectivity with other HL760
- Detects BOTH Red and Green Lasers (HL760U)

SPECTRA PRECISION
HR1220

Detects BOTH red and green laser beams, generated from Spectra Precision crossline lasers. The HR1220 receiver can extend the indoor working range of these crossline lasers as well as increasing versatility by allowing outdoor use.

Features
- Detects Both Red & Green Line Lasers
- Integrated Horizontal and Vertical Vials
- Volume Control
- Variable Accuracy Settings

PLS
SLD & SLD-G

They are designed to be used where the laser line cannot been seen by the user, typically outdoors after five metres. Two mounting points for the clamp on the back of the SLD allow for either horizontal or vertical detection.

Features
- Dual-sided LCD Display
- Dual Horizontal and Vertical Mounting
- Volume Control
- Integrated Circular Bubble Vial

MACHINE CONTROL

2D AND 3D SYSTEMS FOR EXCAVATORS, DOZERS, BOX GRADERS AND PAVERS.

From simple manual elevation control using magnetic boom receivers through to the latest in GNSS and onboard 3D positioning control - we've got you covered.

MAGNETIC RECEIVERS

2D CONTROL SYSTEMS

DOZER BLADE CONTROL

PAVER LEVELING

MOBA
MOBILE AUTOMATION

SPECTRA
PRECISION

MCE
LASERS

'MM' DISPLAY

SPECTRA PRECISION **CR700**

The Spectra Precision CR700 combination Laser Receiver is a machine mounted display receiver used on small grading and excavating equipment as well as a traditional laser receiver mounted to a grade rod or staff. The CR700 includes both a magnetic mount for quick machine mounting and a grade rod clamp. With super bright directional LEDs, the CR700 is ideal for entry-level machine grade display, specifically on mini-excavators and backhoes.

Features
- Combination Hand/Magnetic Magnetic Receiver
- Super-Bright Coloured LED Elevation Indicators
- Smart Communication with Spectra Model Lasers

BLUETOOTH

TILT

MCE **R45 TC SERIES**

The R45TC Pro is a Bluetooth equipped magnetic laser receiver. Used in conjunction with an Android device and enabled app, the operator can see everything from the cab of the machine. The R45 TC Pro includes the Angle Compensation functionality found in the R45 TC, with tilt compensation, up to 30º. In this mode, the R45 automatically compensate for the error introduced by deviations from a vertical position by adjusting the centre band.

WIRELESS MODELS AVAILABLE

SPECTRA PRECISION **LR30**

The LR30 is a 5-channel heavy duty 360º machine mounted laser receiver designed primarily for earthmoving equipment including: dozers, backhoes, excavators, scrapers, and box blades. It works with all types of red beam rotating lasers for fast, no-hassle setup. Withstands all weather environments. The wireless LR30W model is designed to work with the in cab RD20 Remote Display.

PLUMB

WIRELESS MODELS AVAILABLE

SPECTRA PRECISION **LR50**

The LR50 is a 5-channel mutli-purpose 360º machine mounted laser receiver Compared with the LR30, the LR50 has the added Blade Tilt and Excavator Boom Plumb Indicator functionality. The LR50 displays the status of the receiver relating to plumb and tilt direction. It also allows proportional valve control. Optional wireless model available.

PLUMB

TILT

WIRELESS MODELS AVAILABLE

SPECTRA PRECISION **LR60**

With 8-channels and a larger vertical detection range compared to the LR30 and LR50, the LR60 is an advanced 360º machine mounted laser receiver which also includes patented angle compensation. This allows the operator to check levels with the dipper arm extended or retracted up to 30º. It features the same Blade Tilt and Excavator Boom Plumb Indicator functionality as the LR50.

EXCAVATOR & DOZER CONTROL

2D

Accurate NEW 2023

MOBA
XSITE EASY 2D

The Xsite® EASY 2D excavator control system measures depth, range and incline of the bucket, as well as depicts the bucket position graphically and numerically on the display. Using this information, the machine operator always knows the exact position. This allows the operator to work exactly according to plan, design and precisely implementing the specifications.

Features
- Graphical & numerical display of bucket position
- Shows all data and bucket position on display
- Height alarm provides overhead cable protection
- Laser control compatible for height detection

2D
3D

GPS COMPATIBLE

MOBA
XSITE PRO

The large clear to view 8.4 inch graphic display indicates depth, incline and range of the excavator bucket, depicting the near exact position. The machine operator can then work to implement the specifications, without corrective work. This system can be used during pipe or cabling installation, documenting competed layers, dredging or slope construction.

Features
- Choose from either a 2D or 3D System
- Display shows all the data and bucket position
- Enables efficient work underwater or for blind cuts
- Large graphic 8.4 inch touch-screen display

BLADE CONTROL

MCE **SINGLE CHANNEL MACHINE CONTROL**

RS.007 simple single channel system with an electric output to control the PT solenoids of machinery. Consists of the CB.2001 control box, connecting cables and R.3CHS.MC 360 degree laser receiver.

BLADE CONTROL

MCE **SINGLE & DUAL CHANNEL MACHINE CONTROL**

RS.034 single receiver/ hydraulic control for dozers and tow behind blades, using the CB-D2 controller and R.ULS.CAN 360 degree laser receiver. RS.037 dual receiver/ hydraulic control for box blades and side control, using the CB-DUO controller and R.ULS.CAN 360 degree laser receiver. Optional mm receiver and cross slope available.
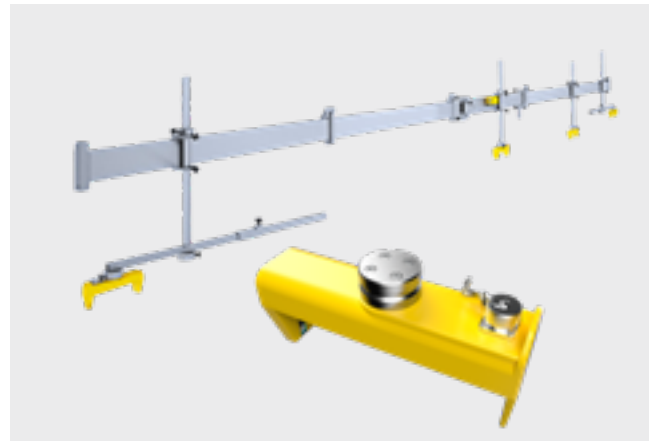
PAVING

MOBA
MATIC II SYSTEM

Digital levelling and slope controller for precision paving. This system is easy to install and simple to operate. Using just four main buttons, all important functions can be controlled, as well as the height and slope of the paver screed, adjusted.

Features
• Control the Height & Slope of the Paving Screed
• Flexible Selection of Leveling Sensors Available
• High Precision Paving Results
• Simple Intuitive Icon Driven Operation
• Colour Graphic LCD Display
• Durable Construction made to Handle Paving

MOBA
SONIC-SKI PLUS

Modular sonic sensor system for non contact surface scanning. The Big Sonic-Ski consists of an up to 13-metre long mechanic assembly with dismountable swing arms and a respective electronic kit of up to four ultrasonic sensors. Four sensors achieve the most precise and even results, in particular, with respect to road renovation works of large areas.

Features
• Temperature compensation in real-time
• Compensates for long stretches of unevenness
• Records the reference over 13 metres

MOBA
MATIC

3D GNSS real-time system for paving and milling machinery. On the well-organised 7-inch touch-screen display, the driver sees the position and height values for the project.

Features
• Increased smoothness of roading
• 7" Large Visual Touchscreen Display
• 3D Design File Uploading for Target Height and Slope
• GNSS and Total Station Compatible

MOBA PAVE-IR

Intelligent thermal real-time visualisation for the asphalt paving. The optimal temperature of the installation material is a decisive factor in road construction, on which the quality of the road significantly depends. A thermal visualisation of the installation process provides important insights into the quality of the material and opens up completely new optimisation potentials.

Features
• Dual-sided LCD Display
• Dual Horizontal and Vertical Mounting Points
• Volume Control
• Integrated Circular Bubble Vial on Clamp

MEASURING EQUIPMENT

DISTANCE, FORESTRY AND ANGLE MEASUREMENT

25 + years of experience in the New Zealand market supplying precision laser tape measures, angle and range finders has made Accurate the one knowledge centre for measurement.

LASER TAPE MEASURES

MEASURING WHEELS

DIGITAL LEVELS

FORESTRY CLINOMETERS

LEICA DISTO **D1**

Low cost, yet high quality reliable laser tape measure. Designed for simple point and shoot non-critical accurate measuring.

LEICA DISTO **D110**

BLUETOOTH | **AREA**

Compact and simple operation +/- 1.5mm accuracy laser measurement. With area calculation and Bluetooth Smart with free apps.

LEICA DISTO **D2**

BLUETOOTH | **AREA**

Accurate **BEST SELLER** ✓

Our biggest seller, +/- 1.5mm accuracy laser with area, volume, setout, memory recall and Bluetooth Smart with free apps.

LEICA DISTO **X3**

BLUETOOTH | **AREA** | **ANGLE**

High accuracy 1mm laser with angle compensation. IP65 rugged construction and area, volume and setout calculations with timer.

LEICA DISTO **X4**

BLUETOOTH | **AREA** | **ANGLE** | **DIGITAL VIEWFINDER**

1mm laser tape measure with Bluetooth Smart. IP65 design and digital viewfinder with zoom for outdoor measuring where laser dot cannot be seen.

LEICA DISTO **D510**

BLUETOOTH | **AREA** | **ANGLE** | **DIGITAL VIEWFINDER**

Outdoor 1mm laser tape measure with Smart features. Bluetooth and a real-time digital viewfinder with zoom for outdoor measuring where laser dot cannot be seen.

LEICA DISTO **D810**

BLUETOOTH | **USB** | **AREA** | **ANGLE** | **DIGITAL VIEWFINDER**

1mm laser measure with camera capture, USB connectivity with DXF download, Bluetooth Smart, touchscreen and zoom digital viewfinder for outdoor measuring.

LEICA DISTO **S910**

Measure anything from Anywhere | **P2P** | **DIGITAL VIEWFINDER**

Point-to-point measuring from a 3rd location! Smart Base enables you to stand back from and measure distances and angles between multiple points.

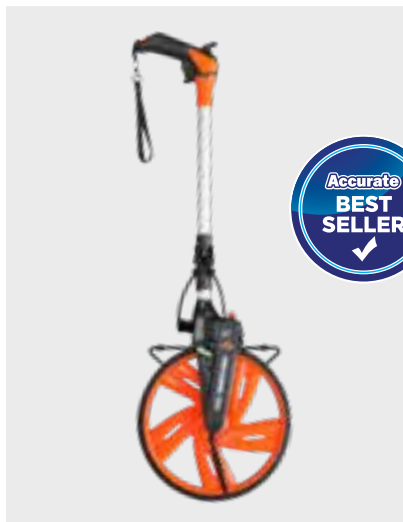## TOP MEASURE **DLT**

DUAL LASER

The DLT Dual laser tape measure is a unique, compact, two-way laser tape measure that can measure both directions simultaneously!
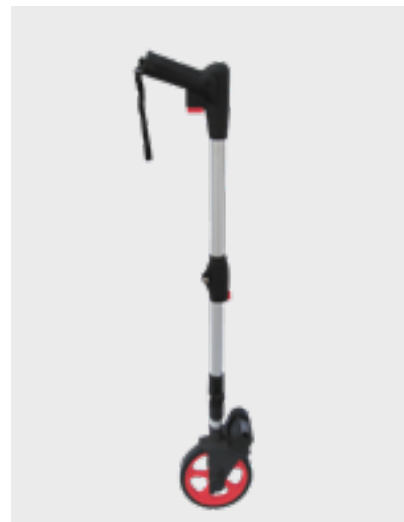
MEASURING WHEELS

TOP MEASURE
TM06 PRO

Small 16cm diameter measure wheel with brake, handle counter reset and carry bag, suitable for measuring smooth internal and external surfaces.
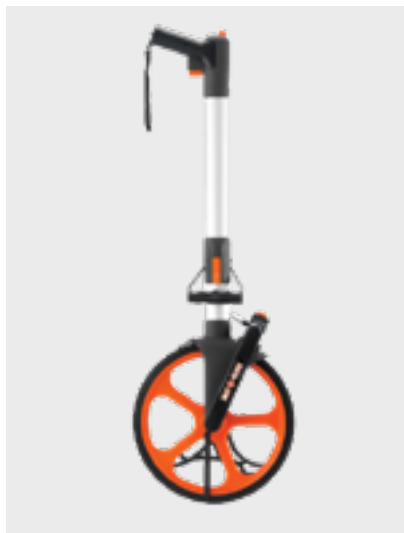
TOP MEASURE
TM12 PRO

Accurate's best selling measuring wheel, 32cm diameter, with brake, handle counter reset and carry bag, suitable for a wide range of measuring applications.
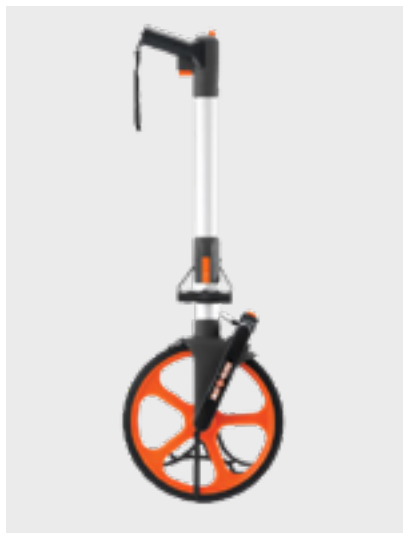
ROTOSURE
500 DELUXE

Small diameter 16cm measure wheel from Rotosure with brake, suitable for measuring smooth internal and external surfaces.

WIDE RANGE OF MEASURING WHEELS FOR ALL FARMING, CONTRACTING AND GENERAL MEASURING

ROTOSURE
CLASSIQUE DELUXE

Popular 32cm diameter measuring wheel from Rotosure with brake, suitable for a wide range of measuring applications. Optional bag.

ROTOSURE
CLASSIQUE PRO

High spec model of the Rotosure Classique Deluxe, the Pro model has the additional feature of a handle counter reset. Optional bag.

KOMELON
METERMAN MK60M

Large 48cm diameter wheel ideally suited for farming, irrigation and agricultural use due to its large circumference.

Available in 600mm 1200mm lengths with padded bag

Available in 600mm 1200mm lengths with padded bag

IP65

SMART TOOL **DIGITAL LEVEL**

Featuring two built-in acrylic bubble vials, the LCD display is recessed and angled for easy viewing and displays the digital reading in mm/metre, inches/feet, degrees and percentage.

SMART TOOL **PRO DIGITAL LEVEL**

Based on the original Smart Tool, with the addition of a higher IP65 weatherproof construction. The Pro model also includes a auto calibration feature and a backlit LCD.

NEDO **WINKELTRONIC**

Electronic, rugged and reliable angle finders, with an accuracy of ±0.1° (600mm Pro model). The measured angle can be read on the LCD display.

SLOPE METERS & DIAMETER TAPES

MECHANICAL **SLOPEMETERS**

Machine mounted slope sensors are typically mounted on the dash in the operator's view and will give fast, accurate readings for any slope. It is designed for motor graders, dozers, asphalt pavers, wheel ditches, tunnelling machines and other equipment where exacting specifications are required.

YAMAYO **DIAMETER TAPES**

Specialised compact diameter tapes for tree width measurement. Yamayo Diameter Tapes measure both distance and diameter making them the perfect tool for forestry, tree-felling and environmental research. They are also commonly used to measure the diameter of rain water tanks and pipes. All Yamayo diameter tapes feature a retractable 12.5mm wide PVC coated fibreglass tape that is durable and long lasting.

FORESTRY HYPSOMETERS

HAGLÖF VERTEX 5

The Vertex 5 is the professional foresters' preference for accurate height, distance and horizontal distance measuring.

Accurate BEST SELLER ✓

HAGLÖF VERTEX LASER GEO

With a built-in GPS receiver, features long range measurement with high precision laser with integrated tilt - and compass sensors for accurate 3D measurements.
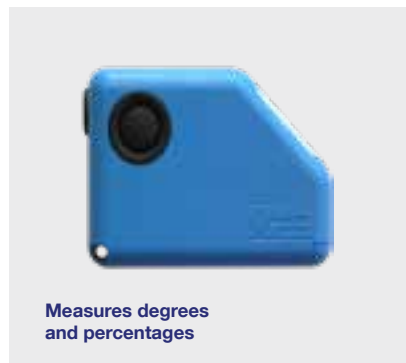
FORESTRY CLINOMETERS

NIKON FORESTRY PRO II

Widely used in the forestry and crane industry for height, inclination and distance measurement. Inheriting functions useful for simple measurement that the existing model employs such as actual distance, horizontal distance, height, angle and vertical separation (difference in height between two targets) measurement functions, and three-point measurement (height between two points), the Forestry Pro II extends the maximum measurement range with improved accuracy of measured results, as evolved points.

HAGLÖF EC II

Feature single-key functions for distance setup and height measurement. Measure inclination and height from any known distance.

HAGLÖF CI

Measures degrees and percentages

Simple easy to use electronic clinometer for measuring degrees or percentage of height change. Ideal for foresters, geologists, in construction and building.

HAGLÖF CALIPERS

Measuring of trees and timber, log scaling, fishery industry, in construction and in healthcare industry.

HAGLÖF BORERS

Produced in stainless steel with metallic head and special design for easy extraction of the wood core.

LAND SURVEY

For nearly 3 decades, Accurate has provided cadastral, marine and aerial survey solutions for the NZ surveying, engineering and construction industries. The latest extensive portfolio from Spectra Geospatial and Nikon by Trimble, and EOS Positioning, Robotic & Mechanical Total Stations, GNSS and GIS positioning systems, all supported with NZ's widest range of survey accessories from Seco.

TOTAL STATIONS

GNSS RECEIVERS

DATA COLLECTORS

THEODOLITES & AUTOMATIC LEVELS

TOTAL STATIONS

SPECTRA GEOSPATIAL
ROBOTIC FOCUS 50

ROBOTIC

Available in three models, Autolock, Short Range Robotic, and Long Range Robotic. Features the smoothness of MagDrive the stability of Autolock, and it is compatible with the latest Spectra Geospatial Origin software. This high-performance Robotic Total Station pairs perfectly with the suite of Spectra Geospatial Field Software options, including Origin, Layout Pro, and Survey Pro.

Features
- Available in 1", 2", 3", and 5" angle accuracies
- Silent MagDrive technology
- Tracklight on all models

NIKON
MECHANICAL XF

MECHANICAL

REFLECTORLESS

The Nikon XF is the key model in the range of Nikon/Spectra Geospatial total stations. The XF is a precision reflectorless mechanical total station packed with new features that make construction, cadastral and setout survey work easier and faster. The XF has a reflectorless non prism measuring range of up to 800m, making it ideal for commercial construction project work.

Features
- Available in 1", 2", 3", and 5" angle accuracies
- Available in Manual or Auto Focussing
- Long 800m non-prism reflectorless range
- XF-HF Phase Shift EDM $\pm$ (1 + 1.5 ppm x D) mm

NIKON
REFLECTORLESS XS

REFLECTORLESS

The XS shares it's lightweight and portable base architecture with the XF model, albeit offering a simplier user interface for the onboard software program, all supported with legendary Nikon high clarity optics, allowing clearer images in bright and low light conditions. The Total Station File Transfer app and Bluetooth connection let you easily transfer data between the field and office, so your data makes it to the office before you do.

Features
- Available in 1", 2", 3", and 5" angle accuracies
- Hot-swappable batteries

NIKON
CONSTRUCTION N & K

CONSTRUCTION

The Nikon N (prism + reflectorless) and K (prism only) total stations are economical simple-to-operate construction total stations which offer an advanced EDM in an innovative compact and lightweight package, including flexible charging and connectivity options, all supported with legendary Nikon high clarity optics, allowing clearer images in bright and low light conditions.

Features
- Available in 2" and 5" angle accuracies
- Bluetooth File Transfer

ANTI-THEFT

SPECTRA GEOSPATIAL
SP85

The SP85 system is optimised for tracking and processing signals from all GNSS constellations in challenging environments. With unmatched connectivity in the GNSS receiver market, the SP85 offers a unique combination of integrated 3.5G cellular, L-band satellite capable GNSS antenna, WiFi and UHF communications with SMS, email and anti-theft technology.

Features
- 600-channel 7G chipset with Z-Blade technology
- Integrated 3.5G cellular with WiFi, UHF and SMS
- Hot-swappable, dual battery system
- Up to 20 Hz update rate

ANTI-THEFT

SPECTRA GEOSPATIAL
SP60

It has been designed to meet the needs of surveyors, locating or construction contractors where it can be used for virtually any task from simple GIS workflows to the most demanding surveying jobs. Delivers fast and reliable GNSS positioning utilising all available GNSS signals to produce the optimal solution even in challenging environments.

Features
- 240-channel 6G chipset ASIC Z-Blade technology
- Trimble RTX correction service capability
- Full scalable GNSS/GIS solution
- Long range Bluetooth operation

SPECTRA GEOSPATIAL
SP30

The advanced GNSS capabilities of the SP30 come in an all-in-one handheld form factor making it one of the most compact Real-Time Kinematic (RTK) positioning solutions on the market today. With a built-in GNSS antenna and support for Trimble RTX® corrections, the SP30 is a versatile and scalable solution that allows customers to choose their desired accuracy down to the centimeter-level to meet needs and budget requirements.

Features
- 6-inch high resolution sunlight- readable display
- Large capacity, user replaceable all day battery
- 4G LTE, Wi-Fi, Bluetooth connectivity options

ANDROID

SPECTRA GEOSPATIAL
MOBILEMAPPER 60

The MobileMapper 60 is a Bluetooth enabled all-in-one GNSS receiver, GIS data collector and GNSS fieldbook, wrapped up in a conventional smartphone package. Ideally suited for a wide range of tasks, including cadastral, survey, topographic, forestry, utilities, asset management and much more.

Features
- Android 10 with 4GB of memory and 64 GB of storage
- Bluetooth, 4G LTE cellular data and Wi-Fi capable
- 72 channel, GPS/GLONASS L1 C/A, Galileo E1, Beidou B1, SBAS capable receiver

GNSS & GIS SYSTEMS

EOS ARROW
100/100+

A L1 single frequency multi-constellation GNSS receiver delivering sub-meter accuracy. When GPS satellites are not enough, the Arrow 100 connects to GLONASS, Galileo, and BeiDou signals.

1cm accuracy with RTK

EOS ARROW
200

A robust, reliable, and repeatable RTK receiver, delivering 1cm accuracy to any device when connected to an RTK network or base station. With support for all global GNSS constellations (GPS, Galileo, GLONASS, and BeiDou) and SBAS and RTK

SouthPAN, Altas and RTX Satellite Networks

1cm accuracy with RTK

EOS ARROW
GOLD/GOLD+

The first high-accuracy Bluetooth GNSS receiver to implement all four global GNSS constellations (GPS, GLONASS, Galileo, BeiDou), triple frequency, and satellite-based RTK augmentation on any iOS, Android, and Windows devices. The Arrow Gold+ adds concurrent use of BeiDou B3 and GPS L5 and support for upcoming GNSS signals.

GNSS & ROBOTIC DATA COLLECTORS

SPECTRA
GEOSPATIAL ST100

Slim rugged tablet with LED backlighting, 512 GB solid state drive and 16GB SDRAM memory. The ST100 has 4G LTE, Wi-Fi and Bluetooth connectivity. IP65 weather protection and up to 10 hours battery life. Origin, Survey Pro or Layout Pro software can function on the Windows 10 Professional operating system.

WINDOWS

SPECTRA
GEOSPATIAL
RANGER 7

Rugged field 10.1" 4G Windows tablet for land survey and construction surveying. Includes a powerful processor with 128GB storage to run Origin, Survey Pro or Layout Pro software. Includes active stylus. Optional 2.4GHz radio module keyboard available.

ANDROID

SPECTRA
GEOSPATIAL
RANGER 5

Android based survey field data collector is Google Mobile Services certified with Google apps. The 5" screen is anti-glare and the Ranger 5 fetaures a full alphanumeric keyboard. USB-C for data transfer and fast charging with Bluetooth, Wi-Fi, GNSS, Worldwide WWAN and 13MP camera.

UNIVERSAL
DT402DL

The Universal DT402DL features a very high 2" angular accuracy with dual LCD displays, laser plummet and a large 45mm objective lens. Featuring an absolute encoder system for digital angle measurement, so you don't need rotate telescope to start angle measurement. The vertical angle can switch between zenith angle or grade. Supplied with rechargeable and alkaline batteries.

SPECTRA PRECISON
DET2

The Spectra Precision DET-2 is rugged 2" digital theodolite, designed to give accurate angle measurements in general construction applications. The DET-2 is fully customisable for your preferred operating style or job, with programmable settings for the horizontal angle resolution, 90-degree angle beep, vertical degrees or %, and more. Supplied with rechargeable and alkaline batteries

CONSTRUCTION AND PRECISION AUTOMATIC LEVELS

SPECTRA PRECISON
AL24M

Economical and reliable 24x magnification automatic dumpy level from Spectra Precision for general building and landscaping applications.

Features
- +/- 2.0mm (1km double leveling run)
- 30mm Aperture
- Minimum focus: 0.75m

Accurate BEST SELLER ✔

NIKON
AC2S

24X magnification high quality and robust precision automatic dumpy level for all commerical, residential and general building applications.

Features
- +/- 2.0mm (1km double leveling run)
- 30mm Aperture
- Minimum focus: 0.75m

NIKON
AP8

High 28x magnification automatic dumpy level for longer range leveling applications such as large civil earthworks and roading projects.

Features
- +/- 2.0mm (1km double leveling run)
- 30mm Aperture
- Minimum focus: 0.75m

NIKON
AS2

The AS2 uses a unique automatic air-dampened compensator to prevent magnetic interference, and an endless horizontal fine drive to ensure smooth, precise pointing and angular measurement. A mirror with a pentaprism lets you view the circular bubble during setup and sighting.

Features
- 34x magnification
- Optional high precision parallel plane micrometer

GEOTECHNICAL & UNDERGOUND INVESTIGATION

UTILITY LOCATION, CABLE LOCATORS, PIPE INSPECTION, SCANNING AND LEAK DETECTION

GROUND PENETRATING RADAR

CABLE, UTILITY AND MAGNETIC LOCATORS

CCTV PIPE INSPECTION

LEAK DETECTION

IDS

RADIODETECTION

PEARPOINT

OVARRO

IDS GEORADAR
OPERA DUO 4

Compact and easy to transport and deploy, the Opera Duo has been designed for the field utility inspector, wanting precision, performance and accuracy of underground utility mapping.

The main body of Opera Duo houses a dual frequency antenna as well as all of the electronics and the battery, with just the one external cable going to the acquisition computer.

Paired with the Panasonic CF-20 Toughbook, the Opera Duo immediately locates utilities, simultaneously displaying both deep and shallow buried metallic and non-metallic pipes and cables on the same screen. The results are interpreted in real-time, with easy identification of the exact position of pipes, cables and bedrock.

The system tracks the position of the radar and marks targets automatically. All of the acquired data can be exported to CAD and GIS, and reports can be produced directly on site.

Features
- 2 channel, 250 MHz and 700 MHz large bandwidth precision Dual Antenna
- 381 scans/second scan rate per channel
- Superior Maneuverability from the 4 large wheel design, for better control and a balanced weight
- GPS integration for precision mapping

Robustness meets data quality in the most intuitive Ground Penetrating Radar or utility location and mapping.

IDS GEORADAR
C-THRUE

C-Thrue is an all-in-one Ground Penetrating Radar (GPR) for accurate scanning and real time analysis of concrete structures.

Construction and service companies as well as civil and structural engineers can now improve the way they locate rebars, voids, post-tension cables, cavities, conduits, and any other objects buried in the structure before cutting or drilling into the concrete.

C-Thrue is an easy-to-use and robust solution to see through concrete structures and reveal true data that lead to optimal decision-making.

The solution is suited for all construction sites and operations including building renovation, overpasses, monuments, bridges and tunnels surveys, as well as for detailed analysis of the original engineering project and comparison with the as-built structure.

Features
- Long range scan depth up to 80cm
- Dual antenna polarisation for the detection of both shallow and deeper levels of rebars;
- Automated data acquisition & analysis

PRECISION CABLE LOCATORS

BLUETOOTH

GPS COMPATIBLE

DATA LOGGING

RADIODETECTION
RD8200 SERIES

A premier precision locator, featuring a unique arrangement of FIVE custom manufactured, precision ground antennas, designed to deliver locate accuracy and repeatability second-to-none. Select from 22 active or passive user frequencies, with the option of programming five additional frequencies to match it to the signals found on your target networks.

Features

- Swing Warning System, alerts the user by vibration of incorrect locating practice
- Integrated GPS for logging and recording of underground asset location (RD8200G model) colour graphic LCD display

RADIODETECTION
RF MARKER

Based on the RD8100, the RF Marker locator features a fold out antennae specially design to trace and mark industry specific utilities marker balls (fitted with the utility at the time of install or repair). The colour coded marker have specific frequencies, e.g. 101.4 kHz orange balls for Telecomms.

Features

- Special RF marker fold down antennae
- Simultaneous marker and line locating for rapid utility detection of pipes, cables and RF markers at the same time

SWING ALERT

COMPASS

Accurate BEST SELLER ✓

RADIODETECTION
RD7200 SERIES

The go-to precision locator for the industry specialist tracing power, telecommunications or locating CCTV camera sondes. Select from 8 active or 4 sonde frequencies to correctly identified buried assets, and with the new 'Guidance Mode' the locate process is completely automated. The Swing Warning System, with haptic vibrating feedback, warns the user if their swing action is too aggressive, helping eliminate in accuracies of locating.

Features

- Measure depth of power cables and CCTV camera sondes using TruDepth™

PIPELINE INTEGRITY CURRENT MAPPER

RADIODETECTION
PCMx

PCMx enables pipeline and CPS managers to identify and prioritise preventative maintenance on pipelines, extending asset life by identifying possible sources of corrosion at an early stage. Pipeline depth is recorded alongside current, voltage and GPS data.

Features

- Peak+ guidance arrows for quick location and Null arrows to check for distortion
- Built-in GPS, captures co-ordinates on survey logs

STRIKE ALERT WARNING

RADIODETECTION
CAT & GENNY

The CAT4 locator can detect live signals that naturally radiate from underground, such as power and telecommunications. It has selection modes for Power, Radio, Avoidance and Genny with Dynamic Overload Protection. The Genny4 also has a Signal Boost feature which increases the output signal by up to 10 times allowing you to locate cables with the CAT4 over extra distance and depth.

Features
- StrikeAlert™ reduces the risk of hitting a shallow cable
- Dynamic Overload Protection equips the CAT4 with the ability to reject electrical interference

SONDE TRACKING

STRIKE ALERT WARNING

RADIODETECTION
SUPERCAT 4+

The SuperCAT4+ locator takes all of the features from the extremely popular CAT4+ avoidance tool, and adds a wider selection of passive, active and sonde frequencies. It uses the same design, operation controls and display as the regular CAT4+. SuperCAT4+ can also track sondes, commonly used with CCTV pipe inspection cameras.

Features
- StrikeAlert Warning - warns of shallow buried utilities in Power and Active modes
- Accessories to extend your capabilities

BLUETOOTH®

RADIODETECTION
TX TRANSMITTERS

The TX range is designed to meet the demands of tracing utilities through today's complex underground infrastructure. Available in three models, the Tx-5 has 5 Watt max power output with induction capability as well as Fault-Find. The Tx-10 has the highest power capability (10 Watt) with the addition of current direction and Bluetooth on the Tx-10iLoc model..

Features
- iLOC Bluetooth link between the RD8200 and transmitter, allows control of the locator power and frequency from up to 450m away

RADIODETECTION
ACCESSORIES

We carry a wide range of accessories for the Radiodetection locators including A-frames, compact, sewer and super sondes, Flexitrace reels, transmitter and locator clamps, Flexrods plus much more.

Visit our website for the full range of Radiodetection accessories.

MAGNETIC LOCATORS

SCHONSTEDT
GA-92XTD

With one hand, you can detect the magnetic fields of all ferromagnetic objects; property markers, manholes, septic tanks, well casings, valve boxes, cast iron pipes, steel drums up to five metres underground. The XTd follows the Schonstedt tradition of ruggedness and reliability.

SCHONSTEDT
GA-52CX

With only two controls, it is a no-nonsense, reliable magnetic locator that detects the magnetic field of iron and steel objects. Designed for one-hand operations, the on/off-sensitivity and volume controls are located on the underside of the cover. This provides easy access, protects the knobs and contributes to their overall ruggedness and dependability.

SCHONSTEDT
MAGGIE

Schonstedt's premier locator, the Maggie utilises the same pistol-grip design as used by the GA-92XTd. The Maggie combines the best features of the GA-52Cx and GA-92XTd, sensitivity and precision and single-handed operation. The expanding bar graph indicates polarity (positive or negative) and relative signal strength.

GNSS & ROBOTIC DATA COLLECTORS

SCHONSTEDT
SPOT

Marketed as the 'Next Generation Stick Locator' from Schonstedt, the Spot offers lightweight operation, accuracy, ease-of-use and low cost. The Spot features five levels of sensitivity and is optimised to locate a wide variety of ferrous (steel/iron) objects, ranging from steel manhole covers to steel pipe joints and all the way to survey marker pins, up to a depth of five metres.

SMART-TRAK
ST101

Designed for easy locating of buried steel/iron utilities such as metal survey pegs and manhole covers. Perfect for simple one-handed operation and reliable locating of steel covers, septic systems, corner survey markers, cast iron pipes, iron valves, re-bar, and other ferrous metals underground. Both models feature 1.5x more sensitivity than leading brands.

SMART-TRAK
ST102

Features Smart-Search Technology with different locating modes for more precision locating of buried steel assets and marks. With the four smart modes (Standard, Erase, Smart+, Smart-) the ST102 is the smart choice for locating manholes, steel covers, septic systems, corner survey markers, cast iron pipes, iron valves, re-bar, and other ferrous metals underground.

SMART SEARCH

PEARPOINT **P550C**
TRACTOR SYSTEM

The Pearpoint Flexitrax P550c system is a portable and modular crawler system designed for surveying pipe networks 100mm and above. A bespoke modular system, with options for three cameras, two crawlers and two cradles, pipes up to 1.5m diameter can be surveyed efficiently and productively.

Choose from either a manual drum/power supply set up or the vehicle mounted automatic drum. The latest generation P550c controller features on-board WiFi, with a 12.1", 1280x800 pixel, high definition display for crisp, sharp images and 128Gb internal memory storage, with on-site reporting. WinCAN compatible.

Features
- Highly configurable motorised crawler system
- Manual or automatic drum options
- P550c controller operation or optional Pendant controller
- Onboard WiFi with Dropbox function for reports

PEARPOINT **P540C**
PUSHROD SYSTEM

Welcome to a connected world. For pipe inspection from 50mm to 150mm, the heart of the new Flexiprobe P540c system, is the powerful and intuitive P540 Controller. Utilising an intuitive user interface and a high definition 10.1" TFT display, the P540 features a full alpha/numeric keyboard, with short cut and hot keys for the main operations. The high capacity internal battery pairs with 128Gb of memory and on-board WiFi connectivity for flexible reporting and communication.

Choose from three different reels (P541 Plumbers, P542, P543), with varying degrees of rod flexibility and two cameras (1" and 2" self-levelling).

Features
- Full alpha/numeric keyboard controller with 10.1" display
- USB, HDMI, WiFi, Analog video connectivity
- High capacity internal Li-ion battery
- Choose from two camera sizes and three reels

LEAK DETECTION

OVARRO
MIKRON3 MINI

A simple to use leak listening system with very high acoustic sensitivity. For direct leak listening at available water fittings and use as a ground microphone. Noises that are created through water leakage can be detected by listening at valves, hydrants or any available fitting on the water pipe.

Features
- Swing Warning System, alerts the user by vibration of incorrect locating practice
- Integrated GPS for logging and recording of underground asset location (RD8200G model)Colour Graphic LCD Display

OVARRO
MIKRON3 JUNIOR

An entry-level water leak pinpointing system. It is perfect for identifying leaks in remote environments, where it is able to detect leaks in a wide range of conditions and situations. The bar graph display shows the position of maximum leak noise whilst adjustable filters allow for minimising background noise.

Features
- Ability to home in on noise to confirm leaks
- Multiple leak detection methods
- Foam cover and sensor cable reduces airborne noise

OVARRO
PHOCUS 3M

Combines specialist leak noise detection and versatile communications technology to create a fixed network of loggers to monitor leakage in your water network, complete with market-leading antenna technology that reduces Opex by limiting downtime.

Features
- Flexible deployment
- Advanced antenna
- Reduces manpower

OVARRO
EUREKA 3

Pinpoints leaks accurately so that fewer holes need to be dug, minimising disruption to the network. The system can correlate noise signals and find leaks even before pipe details have been entered. The leak noise logger and correlator provides rapid notification of leaks in your network, allowing for issues to be fixed even before customers are aware.

Features
- Touch-screen operation
- Can be purchased with optional GPS built-in
- Digital online and offline correlation

OVARRO
ENIGMA 3M

An underground antenna transmits the acoustic signals from the logger coupled to the. Being underground means no planning permission is needed to install transmitters or repeaters, and vulnerable hardware is protected from damage or theft.

Features
- Advanced accelerometer sensor
- Fewer loggers per km of network
- Pinpoints quiet, difficult-to-find leaks

OVARRO
ENIGMA KIT

An advanced multipoint correlation system for locating leaks in buried pipes. The Enigma is a multipoint 'Lift and Shift' system of correlating leak noise loggers that are designed to be used as a temporary or semi-permanent water network survey tool.

Features
- Finds and records leaks at night
- Advanced logging and correlating
- Five year operating life

TROTEC
LD6000

A cutting-edge leak detection device. Whether you need it for laying out pipes or to narrow down the search or pinpoint a leak, the highly-sophisticated LD6000 and the high-quality microphone, which both carry the hallmarks of a product made in Germany, allow you to determine even the tiniest of leaks and display the signal before it is processed. Users are able to benefit from a state-of-the art measuring device which can be used to not only locate and pinpoint leaks and problem areas in sprawling and winding pipe networks.

TROTEC
PD200

A professional impulse current measuring system designed to detect leaks in non-conductive sealing construction systems. It is ideally suitable for leak detection on balconies, pond liners/swimming pools or flat roofs. On top of the housing there are clearly visible signal lamps - one standard impulse signal (green) and one short-circuit signal (red), including an integrated tone generator. With the PD200 the operator can carry out tightness tests and leak detections of various insulated flat commercial roofs, sheet systems, geotechnical applications such as landfill or tunnel construction and the construction of water storage, swimming ponds or retention reservoirs.

SOIL TESTING

CLEGG
883 PROFESSIONAL

The Clegg Professional is designed for determining compaction levels of materials (primarily roading and drainage metals), throughout the civil engineering project. The Clegg Professional tester measures the deceleration of a hammer free-falling onto the surface. Values are shown on the top of the 883 backlit digital display,

Features
- Displays both IV (Impact Value) and inferred %CBR
- Number of drops indicated
- Removable water resistant 883 display
- Bluetooth and GPS models available

CLEGG
882 BASIC

The Clegg Basic tester is the economy model of the 4.5kg range. Compared with the Professional, the basic model has a different display that requires two handed operation (values are shown on the side of the 882 display, is not backlit and features a lower level of weather protection).

Features
- Displays both IV (Impact Value) and inferred %CBR
- Removable 882 display with side LCD readout
- Two handed operation

CLEGG
883 TURF

This model Clegg is designed for compaction testing of football, cricket, equestrian and rugby surfaces. The readings will help provide good prediction of ball bounce for cricket surfaces and football pitches.

Features
- Specially designed for sports turf compaction testing
- Determine and monitor bounce
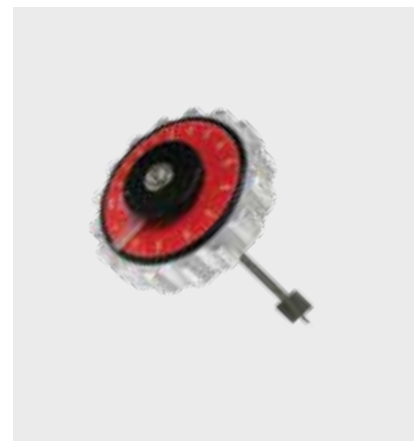- Bluetooth and GPS models available

SCALA
PENETROMETER

A regularly used compacting testing tool by many of New Zealand's soil engineers, the Scala Penetrometer is used to determine the penetration resistance of a soil.

Features
- Meets the compliance of NZS 4402: 1988 Test 6.5.2 Determination of the penetration resistance of a soil
- Extensions available

GEOVANE
SHEAR TESTER

Shear vanes determine field measurement of the shear strength of cohesive soils. Supplied with a 19mm vane blade, the Geovane measures soil shear strength from 0-200 kPa. A

Features
- Related Standards/Documents: BS1377 Part 9, NZGS Guideline for Hand Held Shear Vane Test
- Extensions and optional 33mm vane blade available

Accurate • 0800 500 380

NON DESTRUCTIVE TESTING

THICKNESS TESTING & INTEGRITY

We are excited to showcase our latest products from ScanBuddy, Danatronics and Olympus. Many commercial and industrial companies and consultants throughout New Zealand rely on the performance and reliability that Accurate has become known for.

ULTRASONIC GAUGES

WELD SCANNING

CONCRETE STRENGTH

PENETRANT CONSUMABLES

ULTRASONIC THICKNESS GAUGES

OLYMPUS
27MG

A professional ultrasonic thickness gauge, designed for maintenance engineers and inspectors that need to monitor wall thickness in metal pipes, tanks, beams and structural supports. The durable, rugged 27MG is battery-operated and features a large, backlit LCD with easy-to-read numerals, and an intuitive colour-coded keypad with direct access to many key features.

OLYMPUS
45MG

Despite its compact size, the 27MG has many innovative measurement features utilizing the same technologies that are available on our more advanced thickness gauges. The durable, rugged 27MG is battery-operated and features a large, backlit LCD with easy-to-read numerals, and an intuitive colour-coded keypad.

OLYMPUS
38DL PLUS

Despite its compact size, the 27MG has many innovative measurement features utilising the same technologies that are available on our more advanced thickness gauges. The durable, rugged 27MG is battery-operated and features a large, backlit LCD with easy-to-read numerals, and an intuitive colour-coded keypad with direct access to many key features.

DANATRONICS
MTG-99

The MTG-99 is a portable, battery operated instrument and can change colour or vibrate on alarm. There is also an internal data-logger which can interface with Microsoft Excel, making data capture easier and enable straightforward reporting. Typical applications include plastic bottles, containers, tubing, Titanium, Aluminium and Copper tubes and pipes as well as composite structures.
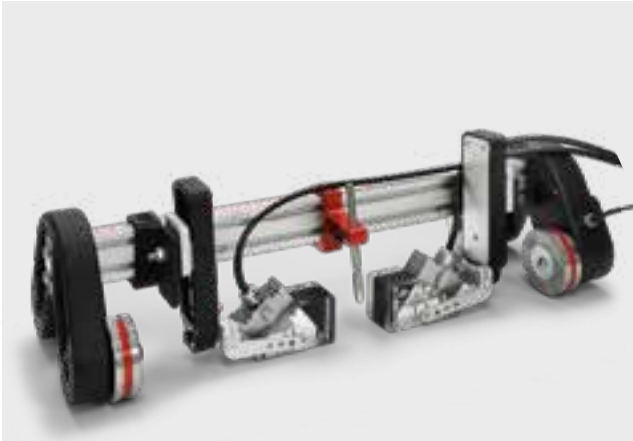

DANATRONICS
ECHO SERIES

The new ECHO series comes in several configurations. ECHO 9 is our corrosion gage using dual transducers, ECHO 7 is our precision thickness gage with 1 micron resolution using single element transducers and ECHO 8 is the ultimate unit combining corrosion and precision thickness gage utilising both dual and single element transducers. ECHO FD is our flaw detector.

PSI
PA RANGE

Our PSI range of Phased Array/ TFM Flaw Detectors offers the user unprecedented speed and performance in a small, lightweight package for your convenience. Two units: 6 inch (small box) and 10 inch (big box). Different models: PSI32-6, PSI 64-6, PSI128-6 and PSI32-10, PSI64-10, PSI128-10.
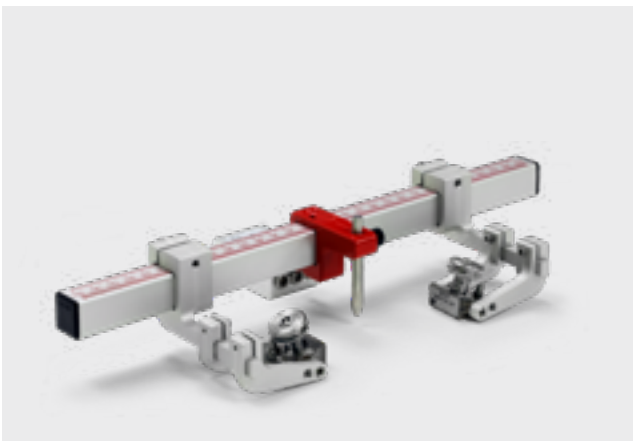
SCANBUDDY
WELDBUDDY

The scanner is equipped with two spring loaded probe holders, running on stainless steel linear bearings. This ensures smooth and accurate movement. The probe holders can be adjusted up and down. They can also tilt to give the optimum perpendicular down force to the probe. Adjustable probe width makes fitting probes quick and easy. Probe holders can be adjusted to accept most standard ultrasonic and phased-array probes and wedges.

SCANBUDDY
SINGLE WELDBUDDY

This scanner is equipped with two spring loaded probe holders, running on stainless steel linear bearings. This ensures smooth and accurate movement. The probe holders can be adjusted up and down. They can also tilt to give the optimum perpendicular down force to the probe. Adjustable probe width makes fitting probes quick and easy. Probe holders can be adjusted to accept most standard ultrasonic and phased-array probes and wedges.

SCANBUDDY
TOFD BUDDY

Our TOFD Buddy Lite is a compact, lightweight, user-friendly single scanner, the perfect tool to provide a quick and straightforward, time-based TOFD inspection. It is extremely easy to set up with an engraved ruler adjusting the probe separation. Compatible with most suppliers of TOFD transducers and wedges, the TOFD Buddy Lite frame allows the wedges to be easily fitted into the arms so that interchanging a wedge is quick and easy. TOFD Wedges of any material and any angle can be used thanks to our adjustable width probe forks.

SCANBUDDY
MATRIX SCANNER

The probe used for the inspection is then connected to the end of both wire encoders, and calibrated with the use of a push button on the control box. Once with the probe against the left encoder and once against the right encoder. The NDT equipment then receives the position feedback as if it were connected to two perpendicular encoders, thus simulating a robot, manipulator or crawler. Data captured as is normally done for C-Scan.

PAINT THICKNESS GAUGES

REMOVABLE SENSOR

TROTEC
BB30

The BB30 features a removal probe and an angled display. The removable probe allows the sensor to be placed away from the meter. It utilises the same dual ferrous and non-ferrous sensor to measure the thickness of metallic coatings as the BB20 albeit with a greater depth capability of up to 2mm (2000 microns).

TROTEC
BB20

The BB20 is a simple low cost paint/coating thickness meter. The dual ferrous and non-ferrous sensor enables the user to measure the thickness of metal coatings like paint and varnishes, galvenising and enamel on iron or non iron metals like aluminium. The measuring range of the BB20 is up to 1.25mm.

DYE PENETRANT CONSUMABLES

SMARTCHECK
DYE PEN RED

SMARTCHECK **DYE PEN DEVELOPER**

SMARTCHECK **DYE PEN REMOVER**

SMARTCHECK
DYE PEN FLUORO

MAGNETIC PARTICLE CONSUMABLES

SMARTCHECK
MPI BLACK

SMARTCHECK
MPI WHITE

SMARTCHECK
MPI CLEANER

SMARTCHECK
MPI FLUORO

TECHNICAL SAFETY EQUIPMENT

GAS DETECTION, CONFINED SPACE ENTRY, HEIGHT SAFETY AND INTRINSICALLY SAFE EQUIPMENT

Keeping your workers safe is more than just PPE. Accurate's portfolio of technical sensing, monitoring, height safety and inspection equipment is second to none throughout New Zealand, all supported and serviced in house.

MULTI-GAS DETECTION

FLAME DETECTION

HEIGHT SAFETY

FALL ARREST

MSA

SENSIT Technologies

TROTEC

IKAR

PORTABLE GAS DETECTION

3 YEAR WARRANTY

LONG-LIFE SENSOR

Accurate BEST SELLER ✓

MSA **ALTAIR 4XR**

The ALTAIR 4XR Gas Detector is the toughest 4-gas monitor on the market with the ability to survive a 7.5m drop test onto concrete. With glove-friendly buttons and a high-contrast display, the Altair 4XR is easy to operate in any work environment, even low-light conditions.

Features
- Confirm compliance quickly with the Bump LED & on-screen checkmark
- Quickly update MSA ALTAIR 4XR settings via the ALTAIR Connect app (available on the Google Play Store)
- Dust and waterproof IP68 rating

LONG-LIFE SENSOR

MSA **ALTAIR io4**

A secure, smart gas detector with out-of-the-box cellular connectivity packed into an ultra-rugged design – featuring MSA's XCell sensor platform which continues to lead the industry in lifetime and durability. Designed from the ground-up to work seamlessly with the MSA Grid and the ALTAIR io Dock, providing hassle-free compliance, fleet management and incredible visibility for your worker's safety.

LONG-LIFE SENSOR

LONG-LIFE SENSOR

Made in Germany

MSA **ALTAIR 5X**

An advanced portable detector that is capable of measuring up to 6-gases simultaneously, as well as VOC detection from the integrated PID sensor. Designed for use in heavy industry markets, the 5X features large buttons for easy use. The exclusive MotionAlert™ feature lets others know if a user has become immobile, and the InstantAlert™ activates a manual alarm if a potentially hazardous situation has arisen.

MSA **ALTAIR 2X**

Available in single or dual gas configuration, the ALTAIR 2X gas detector from MSA is the first portable gas detector to introduce revolutionary Xcell pulse technology. Based on proven science and advanced patented sensor capabilities, the detector delivers the world's first stand-alone bump tests to be performed without the need for calibration gas.

GFG INSTRUMENTATION **G888 & G999**

The G888 is one of the smallest and lightest 7-portable gas measurement devices. Depending on the sensor equipment, the device will warn against risks caused by toxic poisoning as well as flammable gases and vapours, including depletion and excess of oxygen. The G999 is based on the G888 with the additional feature of an integrated electrical suction pump.

SENKO iGAS
SINGLE GAS (CO2)

The SENKO iGas personal CO2 single gas detector operates by an infrared gas sensor to detect Carbon Dioxide gas. The device shows the gas concentration in real time, identifies the maximum and minimum concentration of CO2 and raises an alarm(visual, vibrating, and audible) when the risk occurs. The alarm setting values and measuring units can be adjusted manually and/or by connecting to a PC.

SENKO SGT-P
SINGLE GAS DETECTOR

SGT-P is a single replaceable gas detector designed to detect oxygen deficiency and presence of toxic gas in the ambient environment. When activated, SGT-P continuously monitors for the presence of a specific gas and alerts the user to exposure.

Features
• Available from stock in three sensor types, Oxygen, Carbon Monoxide, Hydrogen Sulphide

With commitment to worldwide certifications, SENKO continues to see rapid growth through satisfied customers.

25 HOURS
BATTERY LIFE

SENKO MGT-P
FOUR GAS DETECTOR

MGT-P is a portable multi gas detector which can detect four different gases (O2,CO,H2S, combustible gas) with LCD screen, bright and loud alarms, and it is designed to withstand the harshest industrial working conditions and delivers industry leading alarm time, changeable alarm levels and event logging as well as user-friendly bump test and calibration solutions. The MGT-P is available with a catalytic combustible gas sensor. The IR link enables users to set up calibration levels, alarm set points, and configuration options as well as download logs.

1440 HOURS
BATTERY LIFE

SENKO MGT-N
FOUR GAS DETECTOR

The MGT-N uses an innovative IR LEL sensor which results in 2 months of battery life during continuous operation. The detector is built to withstand the harshest industrial working conditions in a lightweight package. The MGT-N provides reliable gas monitoring for H2S, O2, LEL, & CO that is backed by a 2 year warranty. Senko also offers cost-effective sensors that provides extended life of the device beyond the warranty period. A full continuous display shows concentrations of gases present, alarms, calibration status, and battery condition. The additional backlit feature ensures the display can be easily seen under all lighting conditions.

PORTABLE GAS DETECTION

SENSIT
HXG SERIES

The HXG handheld instruments are for detecting and finding natural, methane or propane gas leaks. The HXG-2d incorporates a semi-conductor sensor to measure combustible gases in PPM. The HXG-3 shows PPM, LEL and volume readings simultaneously for accurate leak detection and gas analysis. Audible and visual alarms warn of hazardous conditions.

TROTEC BG SERIES

The Trotec handheld instruments are combustible gas sensors with built-in alarm thresholds, commonly used for the detection of gas leaks on compact pipelines, fittings, gas cartridges or LPG containers. Both meters detect natural gas, methane, ethane, propane, butane, acetone, alcohol, ammonia, petrol, LPG, turbine fuel, hydrogen sulphide, industrial solvents, paint thinners and other combustible gases.

Features
- Quick and easy detection of gas leaks
- Visual and acoustic alarm signal
- Variable sensitivity control
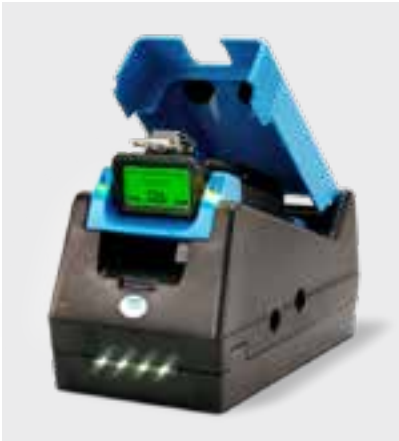- LEL and PPM display (BG40)

SENSIT
GOLD G3

Makes gas detection faster and more accurate than ever. Designed with worker productivity in mind, the SENSIT GOLD G3 features improved durability, sensor and pump performance monitoring, and unmatched datalogging and mapping capabilities. Ideal for locating above and below ground gas leaks, confined space monitoring, pipeline purging, leak survey, and other applications. The Gold G3 shows PPM, LEL and volume plus oxygen and two toxic gases.

MINI DESKTOP
CO2 DETECTOR

The Mini - CO2 Monitor is a low-cost, easy-to-use, desktop indoor air quality device for indoor air environments such as homes, offices, conference rooms, classrooms, and many others. The Mini displays a modern, sleek LED Display indicating Carbon Dioxide (CO2), Temperature, and Relative Humidity.

GFG **BUMP & CALIBRATION DOCKING STATION**

With the DS400 and DS404 docking stations, function tests and adjustments of portable gas detection devices can be carried out automatically, quickly and easily. They have been specifically developed for the Microtector III G888, Polytector III G999 and Micro 5 G222E devices.

MSA **GALAXY GX2**

The GX2 is designed to undertake charging, bump testing and calibration (using calibration gas) of the portable Altair gas detectors. An easy-to-use automated test stand which offers high performance as either a stand-alone unit or a mutli setup integrated portable detector management system. The GX2 is compatible with the following gas detectors from the ALTAIR range;

- **ALTAIR 4X/4XR**
- **ALTAIR 5X/5XR**
- **ALTAIR PRO and io4**
- **ALTAIR 2X, 2XT, 2XP**

SENKO **DOCKING STATION**

MGT Docking station II is designed to calibration and bump test up to four MGT device simultaneously, helping to reduce time. It provides bump testing, event management and calibration from a simple to use multi-unit station. It also maintains all important event logs that demonstrate users are working within company requirements.

CALIBRATION AND BUMP **TEST GAS MIXES**

Accurate offer multiple quality test gas mixtures for a variety of industrial and commercial industry applications. Suitable for Bump Testing and Calibration of gas detectors. Precision gravimetrically mixed gases for non reactive single, reactive single and reactive quad gas mixes.
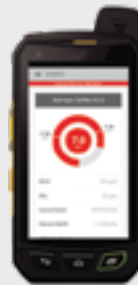
GAS BOTTLE REGULATORS
Trigger, Fixed and Demand Flow regulators available in stainless steel, aluminium, and nickel plated brass.

FOR A FULL RANGE OF AVAILABLE GAS MIXTURES, VISIT WWW.SAFETY.KIWI

FIXED GAS DETECTORS

App interfaces via Bluetooth with a smart phone or tablet

MSA **ULTIMA® X5000**

Dual sensor capable Bluetooth enabled fixed gas monitor. Gas detection for oxygen, toxic and combustible gas detection. The gas transmitter's advanced, OLED display is easy to read and the unique touch-screen interface makes it simple to navigate. The gas monitor employs green, yellow and red LEDs to signal normal, fault and alarm conditions.

Features
- Longlife XCell Sensors, self checks 4x per day
- TruCal* actively monitors the sensor integrity
- OLED display, bright LED's for extreme visibility
- Dual sensor capability doubles the sensing power with half of the footprint of a single gas transmitter

MSA **PRIMA X® SERIES**

The **PrimaX I** is a general purpose version or intrinsically safe version, for the detection of toxic gases or oxygen. With easily replaced plug-in sensors. The **PrimaX P** is a "flameproof" transmitter housed in a powder-coated aluminium enclosure, that will protect it in extremely dangerous conditions, with three LED status indicators for up-to-the-second reporting.

Features
- GASES: Combustible, O2, CO, H2S, SO2, NO2, CL2, NH3, NO,HCN, NCL, H2
- Plug-in sensors and easy installation

MSA **CHILLGARD 5000**

Designed for the building and HVAC markets, the Chillgard 5000 Refrigerant Leak Monitor provides the earliest level of detection of costly refrigerant gas leaks in mechanical equipment rooms. Sampling system with patented photoacoustic infrared (PIR) technology detects leaks as low as 1 part per million (ppm).

Features
- Accurate 1 ppm detection
- 7" (178 mm) color touch screen
- Patented PIR photacoustic infrared technology

MSA
FL500-H2

An Ultraviolet / Infrared Flame Detector designed specifically to detect hydrogen (H2) fires. Monitors for radiation emitted by a hydrogen flame in both the ultraviolet (UV) and infrared (IR) spectral ranges. This UV/IR combination provides a fast response time and increased false alarm immunity.

Features
- Continuous optical path monitoring, performs self-checks
- FL500 UV/IR detects: heptane, methane, methanol, propane, ethane and butane

MSA FL500 UV/IR
FLAME DETECTOR

The FL500 UV/IR Flame Detector monitors for radiation emitted by a flame in both the ultraviolet (UV) and infrared (IR) spectral ranges. This UV/IR combination provides a fast response time and increased false alarm immunity against sources of radiation for reliable protection.

Features
- LED indicators for warning, alarm, and normal operations.
- 316 stainless steel housing to withstand the harshest environments.

AVAILABLE IN 12M, 18M, 24M, 33M, 42M, 65M LENGTHS

Accurate
BEST SELLER ✓

IKAR **HRA** RESCUE DEVICE

The IKAR HRA is Accurate's No.1 selling Fall Arrest Block. This Type 3 device with rescue lifting facility, is equipped with a recovery mechanism operated by a device mounted handle. After an arrested fall, or if the user becomes incapacitated at the bottom of a shaft, the recovery mechanism can easily be engaged by a second person to raise or lower the person to a place of safety.

Features

- Rugged Aluminium housing, with a galvanised steel cable lifeline
- Release pin and two-way winding handle, to engage rescue/recovery mode
- Dyneema ropes available for the HRA as an optional replacement of the stainless rope

IKAR **PLW** RESCUE WINCH

The PLW from IKAR is a heavy duty safety winch suitable for lifting AND lowering up to two entrants into and out of a confined space, shaft or tank. The PLW is also suitable for lifting and lowering materials up to 300kgs into or out of confined spaces. The PLW is designed to be attached to either Ikar DB-A2, DB-A3 Tripod or ASS Davit Cantilever Arms.

Requires an Ikar mounting bracket and pulley when being added to an existing Ikar tripod.

Features

- Wire Rope length - 30 meters
- Working Load Limit - 300kg
- Stainless Steel Cable – 6.0mm diameter
- Double Action Snap Hook with load indicator attachment points

Made in Germany

IKAR

Accurate is one of the only official manufacturer approved service agent for IKAR and MSA confined space entry equipment in New Zealand.

IKAR **DB-A2**
RESCUE TRIPOD

The IKAR DB-A2 was specially developed for rapid setup in conjunction with the HRA rescue device (up to 42 metres) or the PLW personal load winch. The DB-A2 has high functional stability with a maximum load-carrying capacity of two persons. The individually adjustable legs with foldable rubber feet are advantageous as they can be used on uneven ground. Pulleys, brackets, carabiners and recover devices/winches are not included as standard. Max hole diameter 1.56m

IKAR **DB-A3**
RESCUE TRIPOD

The IKAR DB-A3 is a heavy-duty, aluminium tripod which has been specially developed for a quick setup over varying diameter entry points. For different sized manholes, tank entry or tunnel access, the DB-A3 (compared with the DB-A2 model above) has more setup positions including a wider diameter stance placement for the tripod legs, even on uneven ground. Max hole diameter 2.1m.

IKAR tripods are made in Germany, from nearly 50 years of collective knowledge in the use of personal confined space rescue equipment in multiple industrial applications

IKAR
DB-A2/HRA BUNDLE

This kit, is designed for confined space entry by using an HRA Fall Arrest inertia device. The HRA Fall Arrest block is a retractable type fall arrester, with built in two-way rescue/recovery mechanism. It is designed for RECOVERY of a person, NOT lowering.

IKAR
DB-A2/PLW BUNDLE

This kit, is designed for confined space entry by lowering adn lifting using a PLW personal load winch. The PLW is suitable for LIFTING and LOWERING up to two entrants or materials up to 300kgs into or out of confined spaces.

Ikar Tripod Kits are designed to take the guess work out of choosing which tripod/winch bundle is best suited to your application.

DAVITS & CANTILEVER ARMS

BASE SLEEVE NOT INCLUDED IN STANDARD DELIVERY
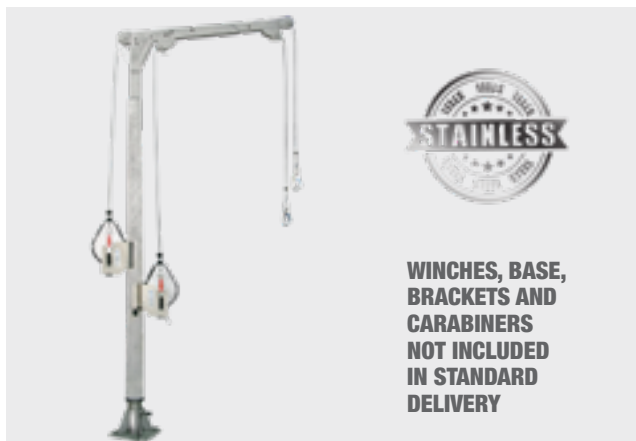
IKAR **AASS-1** RESCUE DAVIT

Constructed from high quality 326 stainless steel, with a 50° arm pivot angle. It features a fixed permanent arm, developed for stationary use in safety and rescue cases for two persons, as well as for lifting and lowering loads. It is designed for use in conjunction with the HRA rescue device or the PLW personal load winch. Either 2x HRA rescue devices can be used on the ASS-1 or 1x HRA device and 1x PLW load winch.

BASE SLEEVE NOT INCLUDED IN STANDARD DELIVERY

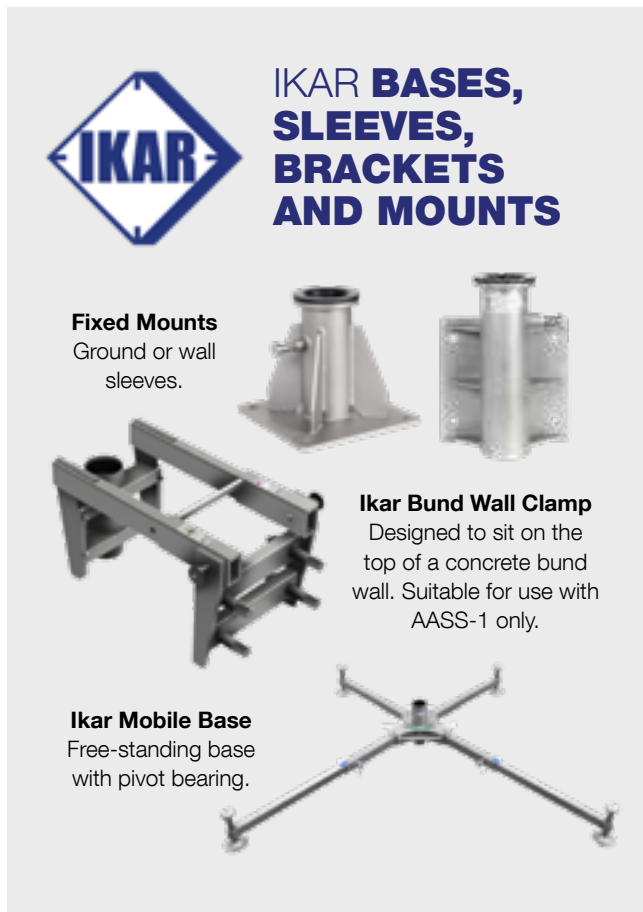## IKAR **AASS-3** RESCUE DAVIT

A removable arm Davit, with two arm pivot angles of 10° and 27°. As is the case with ASS-1 model above, the ASS-3 has been developed for stationary use in safety and rescue cases for two persons, as well as for lifting and lowering loads, where an HRA rescue device or the PLW personal load winch can be used. Either 2x HRA rescue devices can be used on the ASS-3 or 1x HRA device and 1x PLW load winch.

**The Ikar Davit range is an alternative system for confined space application.
The Davit range is rated for fall protection and rescue of up to three persons at any time.**

WINCHES, BASE, BRACKETS AND CARABINERS NOT INCLUDED IN STANDARD DELIVERY

IKAR **AASS-4** RESCUE DAVIT

The ASS-4 is an extra large height capacity removable arm Davit with two arm pivot angles of 10° and 27°. With a maximin height capacity of 3231mm and reach of 1238mm, it is designed for applications where extra height (or clearance) is required without sacrificing reach or angle. Like the ASS-1 and ASS-3 either 2x HRA rescue devices can be used on the ASS-4 or 1x HRA device and 1x PLW load winch.

IKAR **BASES, SLEEVES, BRACKETS AND MOUNTS**

Fixed Mounts
Ground or wall sleeves.

Ikar Bund Wall Clamp
Designed to sit on the top of a concrete bund wall. Suitable for use with AASS-1 only.

Ikar Mobile Base
Free-standing base with pivot bearing.

IKAR FALL ARRESTORS

IKAR HWB Inertia type reel fall arrester housed within durable, sturdy aluminium housing with a webbing lifeline. Available as 2m, 3.5m

IKAR HWPB Inertia Reel type fall arrester housed within durable and sturdy plastic housing with metre webbing lifeline. Available as 5.5m, 7m

IKAR HWPS Inertia type reel fall arrester housed within durable, sturdy plastic housing with galvanised lifeline. Available as 9m, 12m, 18m, 24m

MSA ROPE TEMPORARY HORIZONTAL LIFELINE

- Integrated locking and tensioning mechanism on the handle - eliminating the need for nuts, bolts and wrenches.
- Lightweight and flexible to help make installation easy to complete by a single worker.
- Locking and tensioning mechanisms are on the same side - no need to travel back and forth for set up.
- Easy-to-read red and green visual indicators let the user know the system is locked, tensioned and ready for use.
- Patented bypass shuttles help 2 users maintain 100% tie-off - increasing mobility without sacrificing safety.

MSA GRAVITY DYNA-LINE

The Gravity® Dyna-Line™ Rope Temporary Horizontal Lifeline allows for two workers in fall arrest, includes 60 ft. of Dyna-Line 12 strand rope, and the exclusive bypass shuttles allow two workers to pass each other and remain tied-off.

MSA GRAVITY SURE-LINE

Designed for easy installation and removal, the Gravity® Sure-Line® is a temporary cable horizontal lifeline system created for a wide range of applications. Rated for two people (272 kg) Complies with AS/NZS 1891.2:200.

MSA TEMPORARY WEBBING HORIZONTAL LIFELINE

This temporary horizontal lifeline is an easily deployable, lightweight 20m horizontal lifeline. The 35mm heavy duty webbing is tensioned by a ratchet device and allows shorter distances to be spanned as required. Rated for two people.

SAFETY HARNESSES & ROOF KITS

IKAR **IK G2BR HARNESS**

Fall Arrest and Rescue Harness with front and rear D rings. Crafted from 45mm polyester webbing, with plated steel fittings. Fall restraint and fall arrest with the additional feature of an overhead rescue attachment for confined space application. Quick release buckles on chest strap and leg loops. Adjustment on leg loops, chest strap and shoulder straps, shoulder adjustment via sprung-loaded floating bar buckles.

MSA **V-FORM HARNES**

The RaceFORM buckle allows for a close comfortable full body harness fit - eliminating the need for a bulky chest strap. Pull-down adjustment allows for quick and easy adjustment.

Variety of configurations available, including stainless steel hardware for tough environments.

MSA **V-FIT HARNESS**

Shoulder padding responds to your movement to conform to your body, eliminating pressure points and chafing. Athletic cut that contours to the body and allows for increased upper torso mobility.
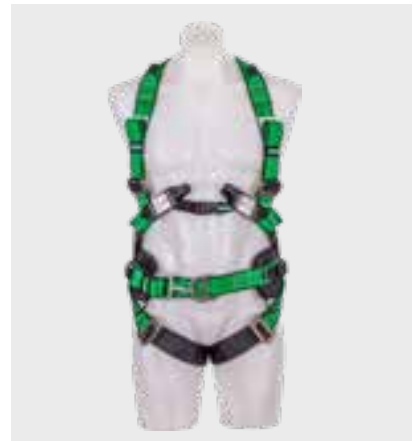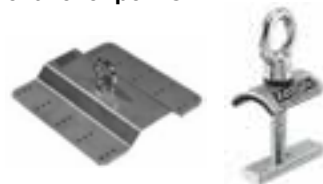
MSA **V-FLEX HARNESS**

Exclusive design reduces need for harness adjustment throughout the day, allowing for more comfort and freedom of movement. Contoured padding adjusts to shape of your shoulder to minimise fatigue.

MSA **V-FORM ROOFERS KIT**

Roof Workers Kit with V-FORM harness with 15m Kernmantle rope, anchor sling, karabiners and backpack carry bag.

Visit our website for our range of anchor points.

MSA **GRAVITY MINER'S HARNESS AND BELT**

Designed specifically for the mining industry. Harsh environmental conditions and unique hazards demand working at heights fall protection and utility belts that are durable, long lasting and multi-functional. This premium designed range is constructed using stainless steel buckles and adjusters ensuring longer product life in corrosive environments.

CLIMATE & INSPECTION

MOISTURE METERS TO COMMERCIAL DEHUMIDIFIERS, INFRARED CAMERAS TO ANEMOMETERS

Accurate can meet your climate, moisture and temperature measurement, inspection and drying needs.

MOISTURE METERS

INFRARED CAMERAS

RECORDABLE VIDEOSCOPES

HEATERS, FANS & DEHUMIDIFIERS

FLUKE.

GANN

TROTEC

PROTIMETER

MOISTURE METERS

GANN
BL COMPACT B2

A professional quality non-invasive hand-held moisture meter for fast and accurate determination of moisture in homes, buildings and concrete. Featuring seven different correction codes including concrete, screen and plaster, the BL Compact B2 is well suited to not only locating moisture in homes and building materials, but also concrete.

GANN
BL COMPACT S

A professional German made wood moisture meter, designed for ease of use for determining moisture in different kinds of hard and soft woods. Unique for its price point, the BL Compact S features a built-in two-stage wood type correction with a supplied wood type chart to identify which code to choose. The Compact S will also determine the ambient temperature of the wood in case a correction is required to be applied.

Convenient - Handy, rapid-action moisture indicator provides fast single and series measurements in floors, walls and ceilings

GANN
BL COMPACT S KIT

Using the sliding hammer electrode with longer insulated 60mm pins, this type of moisture meter system is what the councils, local bodies and building inspectors use in New Zealand for pre-lining checks of the construction of new buildings. The sliding hammer electrode allows the user to drive the pins into the timber frame or through the gib lining by the hammer action, typically going into the timber at a depth of 20-30mm deep.

GANN
BL H 40

This is the type of system used by councils and inspectors for accurately determining the moisture content in the framing. The kit includes a sliding hammer probe with 60mm 'insulated' probes, supplied in a lined-hard case. The pins are driven into the timber or the Gib lining by the hammer action, typically going into the timber at a depth of 20-30mm.

Accurate BEST SELLER ✔

TROTEC
T660

One of the most commonly used non-destructive moisture meters in NZ, trusted by industry building inspection professionals as well as home owners, insurance assessors and real estate agents. Ideal for locating moisture in walls of homes, buildings and apartments, concrete, Gib board, timber etc. The unit will scan up to 40mm from the surface contact point. Readings are displayed simply on the large LCD display.

TROTEC
BM31WP

A non-invasive moisture sensor for determining moisture up to 40mm deep, that connects via Bluetooth to Trotec's MultiMeasure APP for smartphones and tablets. Using the MultiMeasure Mobile APP values can be displayed and a graphic moisture distribution matrix representation, linked to a photo, can be created, saved and sent.

TROTEC
BM22WP

A pin type invasive moisture sensor for determining moisture % readings of timber and firewood or soft building materials such as gypsum, plaster or screed. It connects via Bluetooth to Trotec's MultiMeasure APP for smartphones and tablets. Using the MultiMeasure App, individual, min, max and average values can be displayed and a graphic distribution matrix representation, linked to a photo.

TROTEC
BM22

Low cost basic timber resistance moisture meter with wood moisture and material moisture readings. Two different scale ranges are displayed on the LCD for wood and building materials whilst three integrated LEDs offer a simple visual indication by means of green (for dry), amber (for damp) and red (for wet.

MOISTURE METERS

PROTIMETER
SURVEYMASTER

A popular dual mode moisture meter with both invasive pin resistance measuring of wood and capacitance non-invasive scanning operation. It is ideal for locating and establishing potential moisture in homes and buildings then measuring the moisture content using the pin mode. A reference function allows a benchmark reading to be saved, and the readings will identify either higher or lower.

PROTIMETER
DIGITAL MINI

The Protimeter Digital Mini is a simple to use resistance pin type moisture meter, designed to be used by timber/wood manufacturers, council inspectors, builders and constructors to determine the estimated percent of moisture in the wood material. The Mini is supplied with a wood calibration chart, allows the user to correct the timber reading for the right type of wood being measured (i.e. Radiata Pine).

PROTIMETER
AQUANT

A simple capacitance non-invasive scanning moisture meter. It is ideal for locating and determining moisture problems in boats, homes and building materials such as timber/wood, gib board etc. Simply hold the meter against the wall or surface and the unit will scan, typically up to 19mm from the surface. Where moisture is located, the readings are displayed as digits on the LCD.

PROTIMETER
MMS3

Now with wireless capability! The Protimeter MMS3 represents the latest in moisture measurement technology. Its ergonomic 4-in-1 design allows for fast and accurate full building diagnostics both on and below the surface, from new building construction to refurbishing projects in existing buildings. Also, with built-in hygrometric capabilities and an infrared (IR) laser thermometer.

Packages
- Survey Kit
- Restoration Kit
- Flooring Kit

PROTIMETER
REACHMASTER PRO

This wireless non-invasive moisture meter features a telescopic handle that adjusts from 70cm to 114cm. It is ideal for determining moisture in buildings where access may be difficult. Using wireless technology, the moisture sensor connects to the end of the adjustable handle, whilst the display sits conveniently beside your hand displaying the reading.

PROTIMETER
HYGROMASTER2

The Hygromaster2 is a high-quality precision hand-held hygrometer, commonly used for flood damage restoration, building climate and air quality surveys, concrete moisture measurement and HVAC applications. Simple to use with a functional colour display, features include infrared non-contact surface temperature measurement, psychrometric calculations, data logging and replaceable humidity and temperature sensors.

Features
- Fast temperature and humidity response
- Infrared surface temperature measurement

TROTEC
BC21WP

Ideal for HVAC use, the Trotec BC21WP is a thermo-hygrometric sensor for determining air temperature, dew point, relative and absolute humidity. It connects via Bluetooth to Trotec's MultiMeasure APP for smartphones and tablets. Using the App, individual, min, max and average values can be displayed and using the logging function, chart representation of the measurement data is capable along with report generation.

Features
- Wireless control and display of data via app
- Hold, logging and alarm functions

TROTEC
BC21

The BC21 is a low cost multi-function thermo-hygrometer from Trotec, measuring air temperature, relative humidity, wet bulb and dew point. The BC21 is the ideal meter for determining multiple climate measurements for mainly domestic DIY use or non-critical commercial use. Maximum and minimum temperature or humidity values are displayed on the backlit LCD.

TROTEC
BC06

The BC06 is a basic compact DIY handheld thermo- hygrometer capable of measuring air temperature and relative humidity. The BC06 is ideal for the simple temperature and humidity measurement of home or office environments, basements, wine and storage cellars or hobby rooms. The LCD is illuminated for easy viewing ion low light conditions.

TROTEC
BL30

The BL30 is a low cost easy to operate two-channel climate data logger, capable of recording air temperature and relative humidity values. The BL30 is programmable to record at different time intervals, with values displayed in real-time on the large LCD display. Supplied with wall mount and USB cable.

ANEMOMETERS

TROTEC
BA06

A small compact handheld anemometer designed for the simple measurement of airspeed. Need to measure wind speed for safe operation of cranes, working at heights, gondolas, chairlifts, rooftop operations or platforms - the BA06 is the ideal one handed pocket anemometer, small enough to not interfere when you are working in a comprised space.

Features
- Quick and easy airspeed measurement of wind, air or gases in m/s, ft/min, km/h, mph, knots
- Displays maximum and average value
- Sensor controlled backlight for LCD in low light

TROTEC
BA16WP

The BA16WP is a Bluetooth vane anemometer sensor for determining air speed, relative humidity and air temperature. It connects to Trotec's MultiMeasure APP for smartphones and tablets. Using the App, individual, minimum, maximum and average values can be displayed and using the logging function, the measurement data is capable of report generation.

Features
- Wireless connectivity to MultiMeasure APP
- Create a measurement with results, background photos and export CSV function
- LED Bluetooth connection indicator

TROTEC
BA16

Functional and extremely popular, the BA16 is a hand-held vane anemometer with adjustable 40cm gooseneck designed for measuring cubic airflow volumes, airspeed and air temperature. It is ideal for HVAC, air conditioning, exhaust, fan and ventilation measurements. Fast to measure, the large clear LCD has a backlit display which shows the real-time measurement along with maximum, minimum and hold modes.

Features
- Quick and easy measurement of air velocity, air temperature and cubic air volume flow (CMM)
- Maximum or minimum values and hold function

TROTEC
TA300

The Trotec TA300 is a hot-wire anemometer used primarily for measuring volumetric airflow. Ideally suited for the HVAC industry for measurements in ducts or vents and air conditioning systems, the hand-held probe from the TA300 can be extended to a length of one metre.

Features
- Functions: Air speed, air volume, air temperature
- Illuminated dual indication LCD display
- Extendable sensor probe to 1m
- Optional calibration certificate available
- TA400 model available with pitot tube

TROTEC
BA30WP

A Bluetooth hot-wire anemometer permitting measurements of air velocity, volumetric flow, air temperature and relative humidity when used in combination with the MultiMeasure Mobile app. Ideally suited for performance measurements on home domestic appliances as well as commercial air conditioning and ventilation systems.

Features
- Precise measuring using hot-wire sensor
- Create a measurement with results, background photos and export CSV function
- Hold, logging and alarm functions

LUX & PH METERS

TROTEC
BF06

This compact low cost luxmeter enables indoor and outdoor light calculations. Due to the integrated spectral filter, infrared radiation is reliably filtered so that only the relevant light spectrum is captured. Suitable for photometry at work or at home, exhibition stand construction, horticulture or film/photo sets. The BF06's detector meets the requirements of the ISO accepted international commission on illumination (CIE).

TROTEC
BW10

The BW10 is an economical pH meter suitable for testing the acidity of liquids for quality control in the food and beverage industry or for aquariums and swimming pools. The device is equipped with a three-point calibration, which can be carried out using the pH buffer as well as automatic temperature compensation, which permits a quick determination of the pH value over varying temperatures between 0 and 50°C.
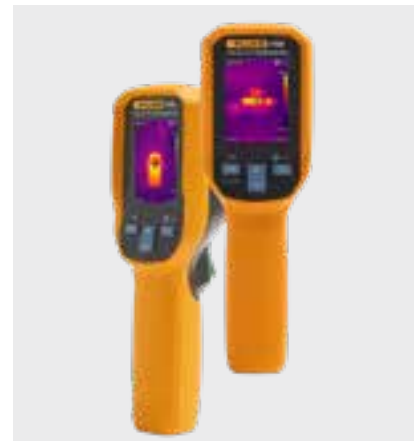
INFRARED CAMERAS

FLUKE
TiS+ SERIES

The TiS+ range of thermal cameras are designed for the electrical, maintenance and building engineer who is required to use an infrared camera day-in, day-out. With a range of resolutions from 120x90 pixels, low thermal sensitivities and wide temperature range, there is a TiS+ model to suit almost all thermal imaging applications.

FLUKE
PTi120

One of the most compact infrared cameras available, and is seen as the first line of defence for easy troubleshooting. Infrared inspections are right in your pocket for quick temperature scans of electrical equipment, machinery and other assets, all displayed on a 3.5" LCD touchscreen with IR-Fusion™ to blend visible light images with an infrared image to more easily locate problems.

FLUKE
VT06/08

Fluke VT series is built with legendary Fluke ruggedness and quality. With compact design and upgraded function, the temperature measurement is visualized, so that you can obtain a clear and accurate infrared thermal image.

FLUKE
Ti SERIES

For predictive and preventive maintenance, electrical inspections, commercial and industrial mechanical systems IR cameras from Fluke are tried, tested and employed industry wide. With interchangeable smart lenses, LaserSharp auto-focussing, Super Resolution and radiometric video recording, you'll get it right everytime with a Ti Series camera.

FLUKE
TiX SERIES

When the best performance, functionality and precision results are needed, the TiX expert series from Fluke is the answer. With 240° rotating articulation, this lets you adjust the camera to minimize glare outside and the large 5.7" touchscreen delivers a premium in-field viewing experience. In focus images are easier to capture with LaserSharp Autofocus and 2x digital zoom.

MSA
EVOLUTION 6000

The Evolution 6000 is the one of the most advanced and rugged thermal imaging cameras ever built for use in the firefighting industry. Enhanced features include best-in-class image quality, lightweight construction, laser pointer and range finder, compass, integrated video and picture capture and an integrated wireless video transmission system.

**MODELS SHOWN
(L-R) BP17, BP21,
TP7, TP10**

MULTIP⦿INT
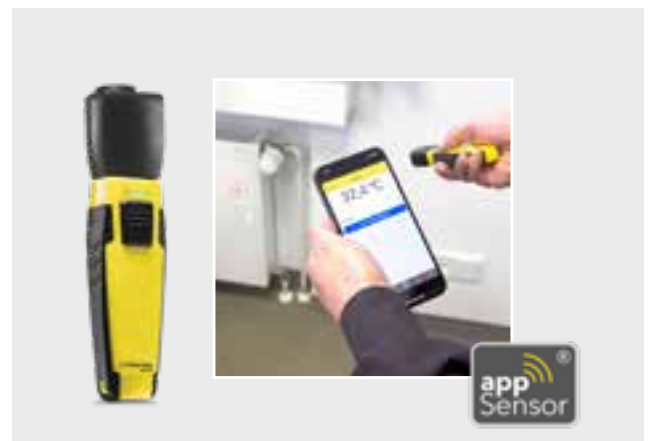TECHNOLOGY

TROTEC
INFRARED LASER PYROMETERS

Trotec's range of infrared laser thermometers have been designed for quick, simple precision surface non contact temperature measuring. Trotec's home and domestic BP range (BP17, BP21) are well suited for the DIY, hobbyist and home owner. Economical in cost, fast and quick to measure, they are well suited for pizza ovens, heating and ventilation equipment or any quick temperature needed around the home. Trotec's higher specified TP series (TP7, TP10) are well featured and equipped for commercial and industrial use. Features include higher temperaturing measuring capability, multipoint technology, smaller precision measuring points, adjustable emissivity and type K compatible thermocouple connection (TP10).

- BP17 Optical Resolution: 10:1
- BP21 Optical Resolution: 12:1
- TP7 Optical Resolution: 30:1
- TP10 Optical Resolution: 75:1

DEW POINT

**RED, AMBER, GREEN
VISUAL LCD ALARM
INDICATION**

app
Sensor

TROTEC
BP25

The BP25 is the infrared thermometer you need if you need to determine surface temperature of solid objects AS WELL AS the Dew Point temperature. It features a built-in hygrometric sensor which enables the measurement of air temperature, air humidity and dew point temperature, all from the one instrument. This makes the BP25 ideal for HVAC and air quality measurements, painting, plastering and coating application, heating systems, road resurfacing and asphalting.
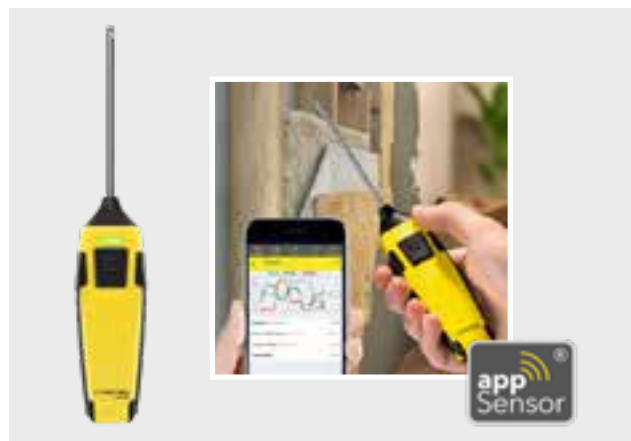
TROTEC
BP21WP

The BP21WP is a Bluetooth infrared laser pyrometer sensor for determining surface temperature, with an optical resolution of 10:1 and a temperature measuring range between -30 °C and +250 °C. Connects to Trotec's MultiMeasure APP. Using the App, the multi-coloured graphic representation of temperature curves or of the temperature distribution can be indicated by means of a matrix measurement.

WATER & LIQUID TEMPERATURE

STAINLESS STEEL PROBE DETERMINES THE TEMPERATURE IN ONLY 2 SECONDS

TROTEC
BT20

The long, slim, stainless steel measuring tip and the wide measuring range from -40°C to +250°C make the BT20 a practical insertion thermometer ideal for a variety of measuring applications including hot water temperature, in laboratories, penetrable solids and for hobby enthusiasts. The easy to clean plastic casing is also equipped with a rubberised soft-touch protective sheath, which provides a secure grip in all situations.

TROTEC
BT22WP

The BT22WP is a Bluetooth insertion/digital sensor for determining temperature, with an optical resolution of 10:1 and a wide temperature measuring range. It connects to Trotec's MultiMeasure APP for smartphones and tablets. High-quality sensors and numerous measuring functions make the BT22WP the ideal climate measuring device for household, hobby or workshop.

AUTOMATED VIDEOSCOPES

ARTICULATED

ARTICULATED

DANATRONICS
BORESEYE

The Danatronics BoresEye series is the ideal cost effective video inspection system. The BoresEye2030 line offers an interchangeable system that allows you to go from a 5.5mm 6M straight camera, to a 3.9mm articulating camera or a push rod camera system, with the twist of a cable making it a truly economical system. It's counterpart, the BoresEye2040 uses robust and time tested accessories with its standard 1.19" camera head.

DANATRONICS
DJ

Danatronics' DJ Series of affordable hand-held videoscopes with interchangeable camera and display assemblies is now available with 360 degree, joystick controlled, articulation up to an astonishing 10M. Available in 2mm to 6mm diameter options in lengths from 1-10M, with side, front, and dual view camera options. Displays are offered in both 3.5" and 5.1" options and include the ability to adjust exposure and white balance in addition to 8x zoom and the ability to display the image in negative film mode or black and white. With available UV and Infared light options and video output connection via HDMI the DJ series is ready for any inspection.
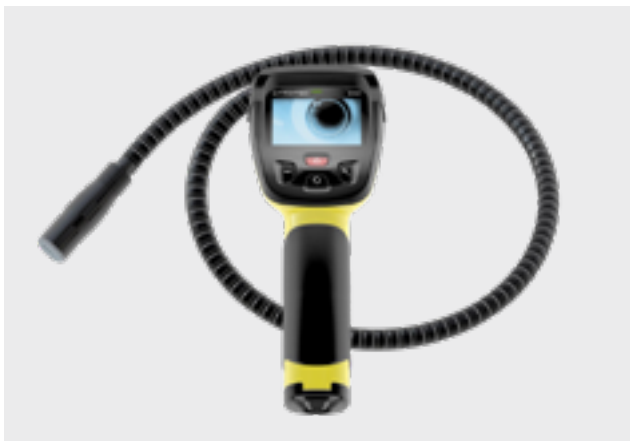
RECORDABLE

TROTEC
BO26

Designed for capturing and recording images and video, the BO26 is a cost effective recordable videoscope allowing inspection AND recording of condition monitoring inside machinery, building cavities and in confined spaces.
The semi-flexible gooseneck probe is 1-metre in length with optional extensions, 9mm and 6mm camera probes available.

Features
• Display: 3.5 inch colour LCD (320 x 240 pixels)
• Camera Light: LED Quad with 10 step brightness control

INSPECTION CAMERA

TROTEC
BO21

The BO21 is a multipurpose non-recordable inspection camera for rapid endoscopic visual inspections in hard-to-view areas. The flexible gooseneck probe features a IP67 watertight camera with adjustable lighting. The quad-LED illumination enables optimally illuminated inspection images in most situations, that are displayed on the colour display on the LCD monitor.

RECORDABLE

TROTEC
BO22

A compact solution for visually inspecting poorly accessible areas, with the option to take photos or videos for documentation purposes. The bendable, semi-rigid gooseneck 1m probe can be inserted into small openings. The light provided by six LEDs is dimmable in four stages, providing good quality inspection images – even in water.

Features
• Display: 3.0 inch colour LCD (640 x 4804 pixels)
• Image Rotation: Yes, 180°

DEHUMIDFIFIERS

TROTEC
TTK-S SERIES

Built and designed for commercial drying of new construction building, timber framing and water damage cleaning and restoration, the portable, commercial dehumidifiers of the TTK-S series are the perfect drying dehumidifiers. With high drying capacities, even in low temperatures, choose from four models, with options for water bucket collection, drain-away or condensate pump operation.

Features
- High dehumidification even at low temperatures
- User adjustable hygrostat for drying control
- Bucket, drainaway and optional condensate pump operation

The TTK-S commercial series feature durable metallic housing are designed to operate commercially for long hours.

TROTEC
TTK QUBE DEHUMIDIFIER

The new TTK Qube is a high quality, low noise compact box design commercial dehumidifier with built-in automatic condensate pump, designed for environmental humidity control and drying of small to medium inhabited spaces.

Features
- Maximum Drying Capacity: 20L per 24 hours
- Airflow: 283m3/h maximum setting

TROTEC
TTR COMPACT

Made in Germany the TTR Compact range of absorption desiccant dehumidifiers are lightweight in design yet powerful in performance. For drying below 0 °C or above 30 °C, the TTR dehumidifiers are designed for ducted installation either inside a room (exhausting wet air outside) or outside a room (ducting dry air into a room. The TTR are well suited for climate control of hygienic rooms, food and materials production.

Features
- Wide temperature range of climate control
- Continuously regulatable Air flow rate
- Optional filters, filter boxes and connecting ventilation grade ducting available

TROTEC
TFV-S SERIES

Made in Germany the TTR Compact range of absorption desiccant dehumidifiers are lightweight in design yet powerful in performance. For drying below 0 °C or above 30 °C, the TTR dehumidifiers are designed for ducted installation either inside a room (exhausting wet air outside) or outside a room (ducting dry air into a room. The TTR are well suited for climate control of hygienic rooms, food and materials production.

Features
- Robust polyethylene housing
- Double-flow radial fans with extra large shaft
- Three fan stages (TFV 30S)
- Stackable (TFV 30S)
- Optional 3 way hose splitter adapter (TFV 30S)

STACKABLE (TFV 30 S)

3-WAY DUCTING ADAPTOR

Versatile turbo blowers – ideal for drying carpets and hollows or to assist in flood water damage restoration.

Accurate
BEST
SELLER
✓

TROTEC
TFV SERIES

Each TFV square turbo fan accommodates a double-flow radial fan with an extra large shaft and an especially formed air exhaust duct, generating a broad near-ground air current over wet flooring, screeds or bottom timber frames. The room air is optimally distributed which perceptibly reduces the drying time. The design of the TFV square fans also enable three stage positioning for horizontal, 45 degree tilt or vertical blowing applications.

Features
- Double-flow radial fan with extra-large shaft
- Operating hours counter
- Robust yet light construction
- High energy efficiency
- Can be stacked to save space when stored

The professional high-performance solution for construction and restoration work.

AXIAL FANS

TROTEC
TTV SERIES

Whether to speed up construction drying, for dust collection or the ventilation on construction sites, in confined spaces such as manholes and tanks or storage spaces. Choose from the fixed design economical TTV1500 (8"), TTV3000 (12") or TTV4500S fans for direct ducted operation. The TTV4500, 4500HP and 7000 models have the added functionality of tilt adjustment, and a range of hose splitters to separate and direct specific airflow direction.

Features
- 200mm up to 560mm model fans
- Extremely robust for continuous operation
- Variable hose adapters splitters for TTV4500, 4500HP and 7000 models
- Ventilation grade ducting available

High performance 200mm, 300mm, 450mm and 560mm axial direct fans.

VENTURI FANS

VENTURI
ASI SERIES

Venturi Pneumatic Air blowers work by speeding the flow of air, by constricting it in a cone shape tube. In the restricted space, the air must increase its velocity in turn reducing its pressure and producing a partial vacuum. As the air escapes, the pressure increases. With no moving parts, Venturi blowers are ideal for ventilating hazardous areas, where dangerous vapours must be removed before entry or occupation.

Features
- Operates on compressed air or steam
- No moving parts
- Galvanised steel horn (replaceable)
- Steel handle design
- Large models available up to 8000 cfm capacity

**NO MOVING PARTS.
UP TO 8000 CFM MODELS AVAILABLE**

TROTEC
TEH SERIES

For use indoors, no inlet or outlet openings are needed, because no oxygen is used in the heating process of the TEH series. The power source for heating is 3-phase electric power. The condensation-free heating air from the TEH electric heaters are perfect for heating non-ventilated rooms or for commercial buildings and operations. The stackable TEH electric heaters also feature a hose adapter outlet with optional high temperature grade ducting, which can either direct heat up to 7 meters away or duct heat into another room via a vent inlet.

Features
- Flow-optimised chassis for a focused current of non-turbulent, warm dry odour free air
- Hose connections / temperature grade ducting
- Double-walled metallic heat resistant housing

Electric heating is one of the driest sources so if moisture is an issue, this method will dry faster and control humidity better.

DIESEL HEATERS

TROTEC
IDE-D SERIES

The direct DIESEL heaters of the IDE series are optimally suited for outdoor/ventilated areas e.g. for heating construction sites, new building drying and agricultural areas. To use, simply fill the tank reservoir with diesel, plug into 240V mains power and press the start button. The IDE will ignite the spark, engage the fan and start producing heat. The integrated fan, with capacities of up to 1100 m/3 (IDE60D) help distribute the heating evenly. In addition to the integrated thermostat, an external thermostat is optionally available as accessory for remote temperature control.

Features
- Integrated fuel tank with filling level indication
- Overheating thermal protection and cutoff
- Integrated thermostat, with optional remote thermostat availability
- Electronic flame trap
- Three economically efficient models available

The integrated fuel tank makes the high-performance direct oil heater fan IDE-D Series our best recommendation for use on construction sites.

HEARING PROTECTION

With industry recognised brands such as Peltor by 3M, Howard Leight by Honeywell and Left/Right by Sordin, Accurate is a well recognised market source of quality, variety and expertise in hearing protectors.

PASSIVE HEARING PROTECTION

BLUETOOTH EARMUFFS

RADIO EARMUFFS

SHOOTERS EARMUFFS

3M   HOWARD LEIGHT   Honeywell   MSA

SORDIN LEFT/RIGHT MEDIUM

Sordin left/RIGHT Medium is a passive hearing protector with medium-level noise attenuation. This product is suitable for medium-noise environments, where users are subjected to a noise level of appr. 90–110 dB(A), including oil, gas and petrochemical plants, forestry and agriculture.

Features
- Medium attenuation level
- Class 5, SLC80 30

SORDIN LEFT/RIGHT MEDIUM CAP

Sordin left/RIGHT Medium is a helmet-mounted passive hearing protector with medium-level noise attenuation (also available in headband version). As part of the renowned Sordin left/RIGHT family, the product comes with several ergonomic features that are unique to this brand.

Features
- Medium attenuation level
- Class 5, SLC80 29

SORDIN LEFT/RIGHT HIGH

This product is suitable for high-noise environments, where users are subjected to a noise level of 110 dB(A) or above, including paper mills, foundries, mines or airports. In extreme noise environments, it is recommendable to combine the hearing protector with ear plugs.

Features
- Wide attenuation range
- Class 5, SLC80 32

3M OPTIME II H520A

With a wide protection range that covers both severe and high noise levels the H7 earmuffs are versatile enough to meet the protection requirements of almost any working environment.

Features
- Patented Liquid & Foam-Filled cushions for better seal and lower pressure
- Headband with four point suspension help distribute cushion pressure evenly
- Class 5

Hygiene kits available for Sordin and 3M Peltor range.

3M OPTIME II H520B

3M Peltor Optime II Neckand Earmuff H520B is suited to noisy environments with increased low frequency attenuation. A suitable choice for typical environments with substantial industrial noise or construction machinery, airports and agricultural wo

Features
- Reduces noise up to 27dB
- Soft, wide, cushions help reduce pressure around
- Complies with AS/NZS 1270:2002

3M OPTIME II H520P

With a wide protection range that covers both severe and high noise levels the H7 earmuffs are versatile enough to meet the protection requirements of almost any working environment.

Features
- Patented Liquid & Foam-Filled cushions for better seal and lower pressure.
- Stainless steel wire arms with four point suspension help distribute cushion pressure evenly.
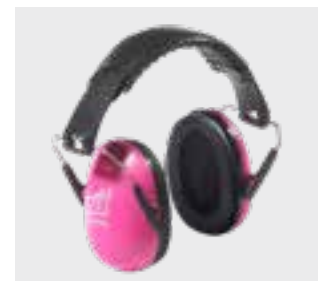
3M OPTIME II H520F

A folding earmuff with a wide protection range that covers both severe and high noise levels the H7 earmuffs are versatile enough to meet the protection requirements of almost any working environment.

Features
- Earcups pivot for alignment and consistent fit
- Wide ear cushions
- Replaceable ear cushions
- Class 5

ESKO KIDS MINIMAX

Adjustable, suitable for kids aged 6 months and above. Essential protection for sensitive young ears

Features
- AS/NZS 1270:2002 test approved, Class 5, SLC80:26dB
- Three colours: **green, pink** and a unique **orange camo** design
- Fold inwards for convenient space-saving storage

RADIO EARMUFFS

HOWARD LEIGHT
SYNC STEREO

The entry level model in the popular Sync™ range, the Stereo is a Class 5 hearing protector with an SLC80 rating of 31dB. The Sync Stereo features Plug-in and Go – simply plug-in MP3 players, mobile phone and personal audio devices and listen.

AM/FM RADIO

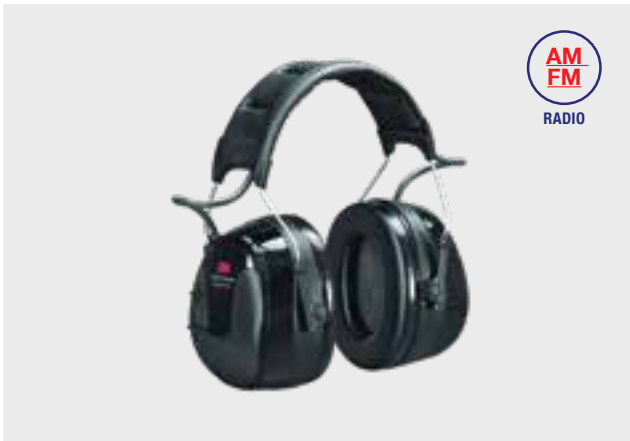## HOWARD LEIGHT
SYNC HI-VIS

Hugely popular Class 5 earmuff with safety themed bright green cups and reflective headband for high visibility and contrast. The Sync Hi-Vis™ features a digital AM/FM tuner with LCD display, 10 station memory presets and MP3 input.

FM RADIO

HOWARD LEIGHT
SYNC ELECTO

Top-selling Class 5 digital FM/MP3 radio earmuff with MP3 input and preset stations. The Sync Electo™ also features an impact microphone which cuts the music when a significant noise occurs, allowing workers to hear important alarms/warning signals.

Cap mounted model available.

AM/FM RADIO

3M
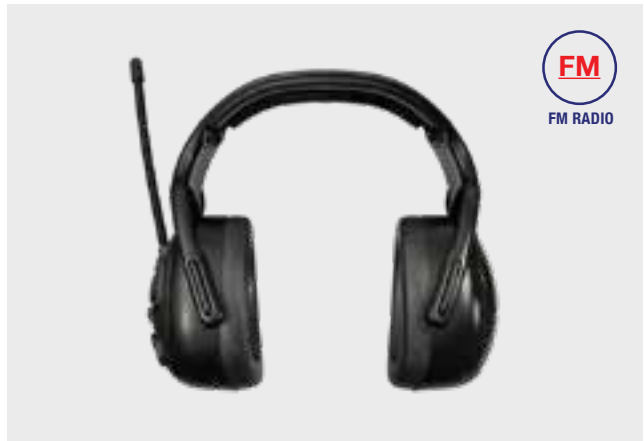### WORKTUNES PRO

AM/FM Radio headset with built in antenna to prevent snagging on equipment. Store up to five stations so you don't miss your favorite station. 3.5mm listen only stereo input (limited to 82 dB) for connection to external devices (e.g. mobile phone, two-way radio).

Features
- Class 5, SLC80 29dB
- Built-in microphone for answering phone calls for paired Bluetooth phones
- Equipped with 40mm high fidelity speakers for premium sound quality

FM RADIO

SORDIN **LEFT/RIGHT FM/MP3 PRO MEDIUM**

Sordin left/RIGHT Medium is a passive hearing protector with medium-level noise attenuation. The headband version is suitable for regular use (also available in helmet-mounted version).

Features
- Automatic tuning function and volume adjustment using three easy to use push buttons
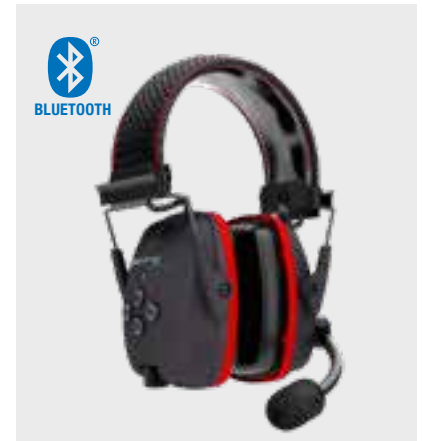- Class 5, SLC80 28

DEFENDER STREAM 2.0

Protect your hearing at work or at home with the Defender Stream 2.0 Bluetooth hearing protector, whilst enjoying music streamed for your favourite device. Designed with a professional built-in headphone speaker and microphone amplifier with noise compensation you can also make and receive phone calls.

3M WORKTUNES CONNECT

3M Worktunes™ Connect Wireless with Bluetooth Technology provides entertainment and hearing protection in one easy to use and comfortable earmuff. Seamlessly streams music from smart phones, tablets or any other Bluetooth enabled device.

HOWARD LEIGHT SYNC WIRELESS

Honeywell's first wireless Bluetooth communication earmuff, stay safe and sound with the Sync™ Wireless Earmuff. This Class 5 earmuff connects wirelessly to smartphones and streaming music devices allowing you to receive and answer phone calls via Bluetooth — while streaming music.

Hygiene kits available for Sordin and 3M Peltor range.

3M PELTOR WS ALERT X

3M PELTOR WS ALERT X Headset is a Bluetooth headset with noise-cancelling boom microphone that connects to your mobile phone for hands free calls and streaming in noisy environments. The headset has a level-dependent function for ambient listening and it synchs to a mobile app so users can easily set-up and adjust the headset.

3M PELTOR WS ALERT XPI

The XPI also features a built in digital FM radio with four radio presets and a voice guided menu system for ease of use. A Bluetooth headset with noise-cancelling boom microphone that connects to your mobile phone for hands free calls and streaming in noisy environments. The headset has a level-dependent function for ambient listening and it synchs to a mobile app so users can easily set-up and adjust the headset.
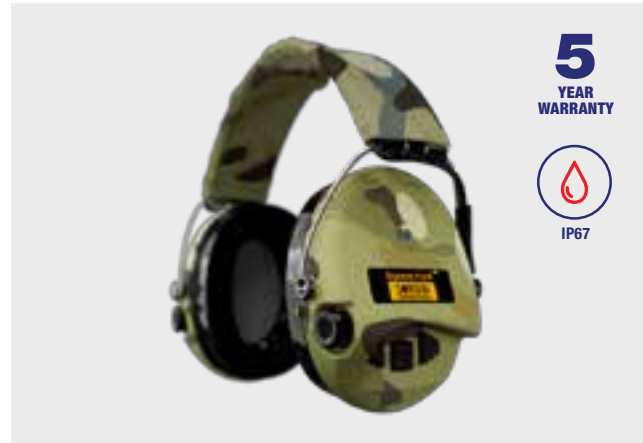
SORDIN SHARP

Sordin Sharp reduces noise to harmless levels, while allowing you to hear all the important sounds around you naturally. Including your colleagues talking. Whatever the kind of noise you're exposed to at work, Sordin Sharp will suppress it to safe and comfortable levels. Connect with one or two mobile phones, or one mobile phone and one two-way radio.

SHOOTING & HUNTING
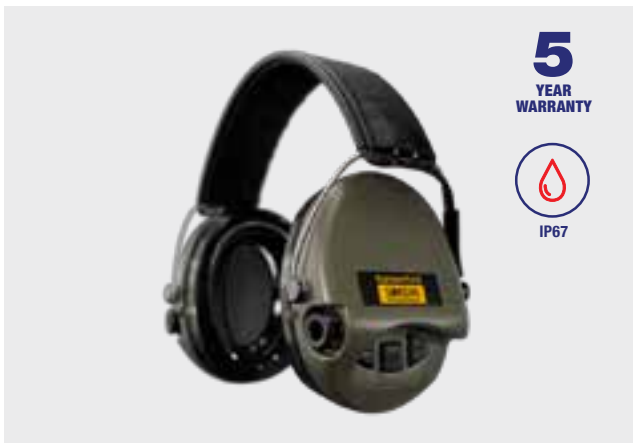

HOWARD LEIGHT
IMPACT SPORT

Impact Sport Sound Amplification Electronic Earmuff keeps you protected from hazardous noise and connected to your environment. When the ear protection is switched on, it employs built-in directional microphones that amplify ambient sounds to a safe 82 dB. This allows you to hear important commands on the range and crucial environment sounds when hunting.

5 YEAR WARRANTY

IP67

SORDIN SUPREME
PRO-X LED

The Supreme Pro-X LED earmuff combines optimum protection with high amplification, LED light, AUX input and waterproof battery compartment. It is available with blaze, camouflage, or green cups, with a foldable headband. As standard it is equipped with a comfortable gel cushion. Sordin's renown gel sealing rings make the Supreme Pro-X super-comfortable to wear – even for eyeglass wearers. They reduce the pressure around the ears, while ensuring optimum noise sealing.

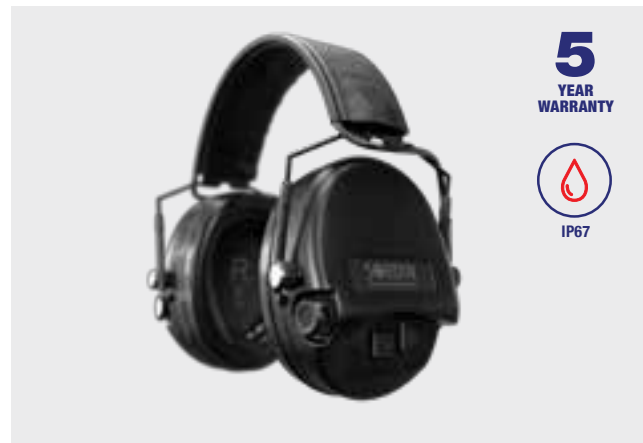## Hygiene kits available for Impact Sport and Sordin models.

5 YEAR WARRANTY

IP67

SORDIN SUPREME
PRO-X OLIVE

The Supreme Pro-X earmuff combines optimum protection with high amplification, AUX input and waterproof battery compartment. As standard it is equipped with a comfortable foam sealing cushion.

Features
- Two separate, well shielded microphones for optimum sound direction location
- High amplification and natural sound reproduction without chopping and cutting out

5 YEAR WARRANTY

IP67

SORDIN SUPREME
MIL AUX SFA

The Sordin Supreme™ MIL AUX SFA™, based on the new Sordin Flexible Attenuation™ (SFA™) concept, is developed with the user and ever-changing conditions in mind. At SNR 32 dB, it safely protects your hearing even in extreme noise environments, while providing instant interchangeability for a slimmer cup design – enabling optimisation for different operating environments or helmet compatibility needs. Our mission is your successful mission!

Features
- Level dependent function that allows the user to hear ambient sound, such as warning signals and moving vehicles.

COMMUNICATION HEADSETS

5
CLASS

SENSEAR
SM1P

Clear two-way radio communication in high-noise environments with Bluetooth cellular connection for conversation and audio streaming. The SM10 limits 'in-ear' exposure to 82 dB(A) and is compatible with industry leading two-way radios.

Features
- Two-way Radio and mobile cellphone communication up to 105 dB

5
CLASS

SENSEAR
SM1R

The SM1R is built specifically to enhance two-way radio communication in high-noise environments. The SM1R contains no battery and instead is powered by the radio, making the unit lighter and more comfortable for the user.

Features
- Enhances speech and suppressed background noise
- Face-to-face communication up to 95 dB

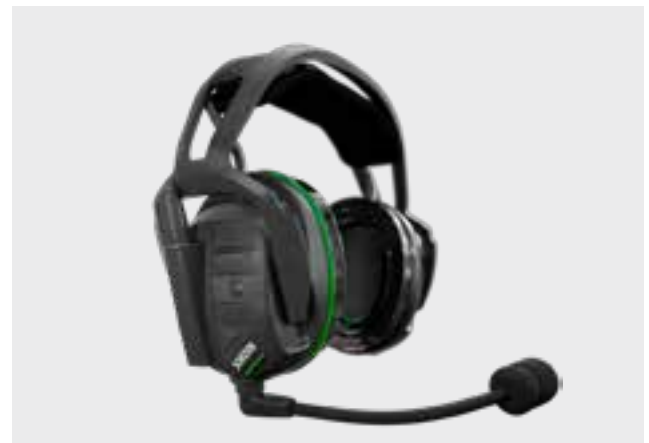## IS (Intrinsically Safe) and EX (Explosive Atmospheres) models available.

5
CLASS

SENSEAR
SM1B

Wired Headset with clear two-way radio communication in loud environments with up to 120dB noise levels. The SM1B features built in hearing protection and noise suppression technology so users are still aware of their surroundings.

Features
- Connects to existing two-way radio system
- Maximum noise exposure of 82 dB
- Built-in rechargeable battery delivers 12+ hours talk time

SORDIN
SHARE

The Sordin Share app allows you to easily set, adjust and use the many features. It's just as simple and intuitive as you've learned to expect from any modern smartphone app. Features range from selecting a work team to customizing your personal audio environment.

Features
- Voice commands
- Easy to scan, store and listen to your favorite radio channels
- Detachable, high-sensitivity boom microphone
- The Li-ion battery gives you maximum operating time

EARPLUGS

HONEYWELL
EARPLUGS
DISPENSER

Supports all Howard Leight™ disposable earplugs: MAX®, MAX® Small, MAXLite®, Laser Lite®, FirmFit®, Multi Max® and Xtreme®

Features
- Holds 400 pairs of Howard Leight™ disposable earplugs
- Can be mounted to a wall or tabletop or free standing
- Easy twist knob with 180˚ of access, makes dispensing earplugs easy
- Multiple refill options: 1) HL400™ Dispenser can be refilled by either inserting a new prefilled canister, or reusing the empty canister and filling with earplugs by using the zip top bag
- Catch basin prevents earplugs from falling onto the ground
- High Visibility Dispenser Knob

Allows easy access to hearing protection – place dispensers by the shop door or in the lunchroom, so employees can access a new pair of earplugs as they enter the workspace.

HOWARD LEIGHT
MAX REFILL

Approved to AS/NZS 1270:2002.

- Disposable/ Reusable: Disposable
- Corded/Banded: Uncorded
- Contains 200 pairs
- Universal size
- Class 5 protection

HOWARD LEIGHT
MAX LITE REFILL

For big and small operations, dispensers offer an economical, hygienic, and user-friendly source for hearing protection.

- Ideal for people with smaller ear canals
- Low-pressure polyurethane foam expands gently for comfortable, long-term wear.
- Class 5 protection
- Contains 200 pairs

HOWARD LEIGHT
XTREME REFILL

The self-adjusting polyurethane foam expands to fit virtually every wearer.

- Brightly coloured orange offering high visibility and worker compliance
- Self-adjusting polyurethane foam expands to fit virtually every wearer
- Smooth, soil-resistant closed cell-foam skin prevents dirt build-up
- Smooth tapered shape for easy insertion and removal
- Contains 200 pairs

HOWARD LEIGHT **MAX EARPLUGS**

MAX Disposable Foam Earplugs offer the highest noise reduction rating of any disposable earplugs on the market; they are also the most used PE foam earplugs worldwide

Features
- The bell shape matches contours of your inner ear to ensure maximum noise reduction and hearing protection
- 100 pairs of earplugs per pack

HOWARD LEIGHT **XTREME EARPLUGS BOX**

An easy-wearing, inexpensive and reliable alternative to your current foam earplugs without compromising safety or performance. Self-adjusting polyurethane foam expands to fit almost any ear canal for an excellent noise reduction.

Features
- Bright orange colour makes visual inspection easy
- Tapered design allows for quick and easy earplug insertion
- Box 200 pair
- Class 5 protection

3M **E-A-RSOFT YELLOW NEON**

A smooth texture for in-ear comfort and are made of an advanced foam formulation for all-day wearabillity. Offered in two sizes to comfortably fit in a wide range of ears, these high attenuation earplugs are ideal for many different noisy applications. The soft foam ensures a low pressure seal.

Features
- Self-adjusting foam provides low pressure
- Exciting designs and brilliant colors
- Dermatologically safe foam is non-irritating to the skin
- Box 200 pair
- Class 4

SOUND MEASUREMENT

With recent changes to the Health & Safety regulations, more focus by industry bodies and occupational hygienists has been put on the assessment and measurement of both "exposure" and "static" noise in the workplace. Accurate offer a wide portfolio of sound measurement devices and loggers for occupational, environmental & construction noise.

NOISE DOSIMETERS

PROFESSIONAL METERS

BASIC METERS

ACOUSTIC CALIBRATORS

PULSAR
NOVA

State-of-the-art digital integrated real-time sound level meter, with a large clear OLED display combined with ease of use operation. It is designed for both Occupational & Environmental measuring. With features, measurement parameters and options too long to list, the range includes six models, with optional packages including calibrator and case.

Features
- LEQ, Lmax, Lpeak measurements
- 1:1 octave filters

PULSAR
MODEL 14

Our top selling sound level meter, the Model 14 from Pulsar, a world-renown and recognised manufacturer of noise measurement equipment, is a SPL meter designed for the simple and compliant assessment of occupational, environmental and construction noise to the IEC 6167. Optional kit available with calibrator.

Features
- Supplied with traceable calibration
- Standard at Class 2 (Type 2) accuracy

NOISE DOSIMETERS

PULSAR
NOISEPEN

Great value, self-contained personal noise dosimeter for compliance with occupational noise regulations. Made in the UK, the NoisePen personal dosimeter is a compact economical device designed to measure a workers exposure to noise - all done via USB to a PC and the reporting via software Pulsar AnalyzerPlus. Issued with compliant certification.

Features
- Measurement range 70-140dB(A)
- Wearable will capture doses for over 30 hours

PULSAR
MODEL 22

Discreet noise dosimeter that is worn on the individual, measuring a worker's exposure to noise for occupational and industrial sound measurement. doseBadges communicate with an infra-red Reader Unit - similar to a television remote control. This unit controls the doseBadge to programme, calibrate, start/stop, download and store measurements.

Features
- No cables or controls, reducing misuse/tampering
- Ergonomic Reader with Acoustic Calibrator

BASIC SOUND LEVEL METERS

2 CLASS

TROTEC
SL300

The SL300 from Trotec is a Class 2 meter for determining general environmental and background noise volumes. (e.g. measuring noise on the boundary of a property). To attain better SPL readings (when compared with the entry level BS06), it features four selectable measurement ranges.

Features
- Measurement Range: 30 - 130dB
- IEC 61672:2002-1 Class 2

2 CLASS

TROTEC
SL400

The SL400 is a basic Class 2 Sound Level Meter with simple data capture for measuring sound levels in the work place, the construction site and around the home. Compared with the SL300 model, the SL400 has a simple data record function which can record the LA measurements and download them to a Windows PC.

Features
- Measurement Range: 30 - 130dB
- IEC 61672:2002-1 Class 2

TROTEC
BS06

Low cost basic sound level meter, designed for the consumer for basic assessment of noise levels in the home. Suitable for spot and maximum noise determination. For construction, commercial and industrial sound levels, see the Model 14 from Pulsar or SL300 units above.

Features
- Measurement Range: 40 - 130 dB
- Tripod mountable.

TROTEC
BS30WP

The appSensor BS30WP is a sound level measuring device permitting the quick and easy measurement of the volume of ambient sounds when used in combination with the MultiMeasure Mobile app. Owing to the clever combination of the appSensor and the appertaining, free MultiMeasure Mobile app users benefit from numerous practical advantages in terms of flexibility, analysis functions, data control and documentation.

Features
- Min. sound [dB]: 35
- Max. sound [dB]: 130

CONVERGENCE INSTRUMENTS
NSRT MK4

Every NSRT mk4 purchased is provided with an Individual manufacturer's certificate of calibration. It is enclosed in a completely weatherproof casing which is designed for indoors and outdoors applications. Its highly sensitive Type 1 MEMS microphone has a noise floor of 30 dB-A, and is ultra stable with time and temperature variations.

Features
- Sound level and acoustic dose measurement and recording.
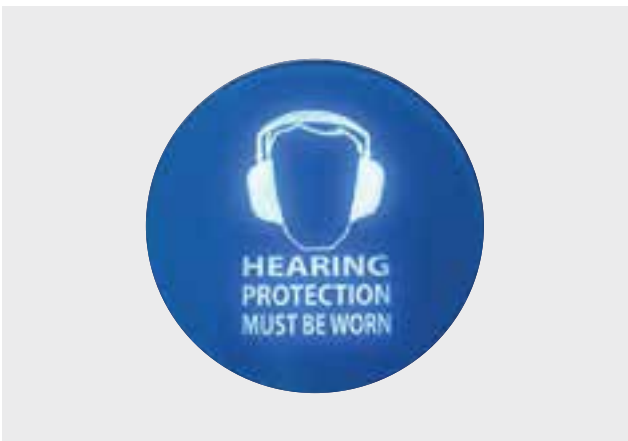- Monitoring of safe working conditions.

CONVERGENCE INSTRUMENTS
NSRT MK4 WIRELESS

The Wireless Sound Level Meter Data Logger NSRTW_mk4 is the 4th generation of Convergence Instrument's WiFi™ enabled smart integrating sound-level meters/dataloggers. It includes a digital MEMS microphone, an accurate date/time clock, a non-volatile 128 Mb recording memory and wireless connectivity.

Features
- 24/7 data collection from instruments anywhere in the world
- No need for a dedicated server for data collection or emails
- Automatic instrument configuration through the web

WARNING SYSTEMS & ACOUSTIC CALIBRATORS

PULSAR
SAFEEAR

The PulsarSafeEar noise activated warning sign is ideal for use in factories, workshops, garages, bars, libraries, hospitals and education to warn staff, visitors or students when noise levels become too high. In the workplace, the sign can be used to indicate when hearing protection must be worn. By setting the Pulsar SafeEar to trigger at a lower level ensures that noise levels in quiet environments stay within acceptable levels. Four different sign options available

Features
- Simple to install - mount, set, plug and go!
- Illuminates when hearing protection must be worn

PULSAR
105 & 106

The two models are intended to calibrate any properly approved sound level meter that uses a standard measurement microphone. Both Models 105 and Model 106 give a standardised 1kHz tone - the frequency where all weighting networks are the same, at a pressure of 1 Pascal which is a sound level of 94 decibels. They have sensors to correct for temperature, humidity, barometric pressure and battery voltage so that they remain stable and accurate under almost any conditions where they are likely to be used.

RESPIRATORS & FACE MASKS

Construction and manufacturing sites often involve activities that generate dust, fumes, chemicals, or other airborne particles that can be harmful when inhaled. Respirators or face masks with appropriate filtration capabilities can help prevent workers from breathing in these hazardous substances, reducing the risk of respiratory diseases and related conditions.

POWERED RESPIRATORS

FULL FACE RESPIRATORS

HALF MASK RESPIRATORS

SELF-CONTAINED BREATHING APPARATUS

3M   CleanAIR   Honeywell   MSA

GRINDING KIT

CLEANAIR
AERGO/UNIMASK

Features the UniMask faceshield with a airflow distribution system and a face seal equipped with a CleanAir AerGo powered respirator to protect the wearer.

Filter types available
- P3 Toxic Dust and Fumes
- A1P3 Organic Gases, Toxic Dust, Fumes
- ABEK P3 Ozone Organic, Inorganic Gases, Sulphur Dioxide, Ammonia, Toxic Dust, Fumes
- Pre Filters

GRINDING KIT

CLEANAIR
AERGO/OMNIRA

The set includes a grinding shield with integrated air distribution Omnira air, providing the highest respiratory, eyes and face protection, our most ergonomical and versatile respirator AerGO® with built-in barometric sensor and accessories.

Filter types available
- P3 Toxic Dust and Fumes
- A1P3 Organic Gases, Toxic Dust, Fumes
- ABEK P3 Ozone Organic, Inorganic Gases, Sulphur Dioxide, Ammonia, Toxic Dust, Fumes
- Pre Filters

WELDING KIT

CLEANAIR
AERGO/CA-20

The CA-20 offers the highest level of optical quality 1/1/1/1 and superb clarity of vision in both light state and during welding. Wide field of vision thanks to enlarged lens with True Colour feature.

Filter types available
- P3 Toxic Dust and Fumes
- A1P3 Organic Gases, Toxic Dust, Fumes
- ABEK P3 Ozone Organic, Inorganic Gases, Sulphur Dioxide, Ammonia, Toxic Dust, Fumes
- Pre Filters

WELDING KIT

CLEANAIR
AERGO/CA-40GW

Multi-purpose safety helmet with a welding and grinding shield provides 5 levels of protection at once: eye, face, head, respiratory and optional hearing protection. Stable flip-up is compatible with auto-darkening filters or passive filters in dimension of 110×90mm.

Filter types available
- P3 Toxic Dust and Fumes
- A1P3 Organic Gases, Toxic Dust, Fumes
- ABEK P3 Ozone Organic, Inorganic Gases, Sulphur Dioxide, Ammonia, Toxic Dust, Fumes
- Pre Filters

BASIC POWERED RESPIRATORS

GRINDING KIT

CLEANAIR
BASIC/UNIMASK

Features the UniMask faceshield with a airflow distribution system and a face seal equipped with a CleanAir Basic powered respirator to protect the wearer in environments with contaminants such as dust, smoke, toxic and non-toxic fumes. The CleanAir Basic unit is an ergonomic, slim, low weight respirator that is simple to use and features user adjustable airflow options.

Filter types available
- P3 Toxic Dust and Fumes
- Pre Filters

GRINDING KIT

CLEANAIR
BASIC/OMNIRA

The Ready 2 Work set is everything you need to work in one package. The set includes the Omnira air grinding shield with integrated air distribution and CleanAIR® Basic PAPR system with battery, filter, charger, plus a QuickLOCK™ hose. All equipment is stored in a practical transport bag.

Filter types available
- P3 Toxic Dust and Fumes
- Pre Filters

CLEANAIR
ASBEST 2F

New generation of powered air purifying respirator designed specifically for the asbestos removal industry. Despite its compact size and low weight, the Asbest 2F unit has high mechanical and chemical resistance, and UV resistance. The construction of the unit allows easy decontamination in a shower thanks to Ingress protection IP65.

E-BREATHE
E-FLOW

The system includes a basic unit and various filter boxes – can be configured to suit individual requirements.

Filter types available
- P3 Toxic Dust and Fumes
- A1P3 Organic Gases, Toxic Dust, Fumes
- ABEK P3 Ozone Organic, Inorganic Gases, Sulphur Dioxide, Ammonia, Toxic Dust, Fumes
- Pre Filters

RSG
T-AIR

RSG powered air purifying respirators (PAPR) offer a full solution for respiratory protection equipment in the hazardous workplace. The T-Air® pack FCBC powered respirator T-Air® 2F, is delivered as a set with hose, comfort belt, two filters, charger and flow indicator. All parts of the set comply with the EU Standard and offer high protection level in personal protective equipment.

RSG
T-AIRVISOR SYSTEM

The T-AirVisor airfed respirator offers lightweight and comfortable protection for many industrial applications. The T-AirVisor is manufactured in accordance with the latest respiratory regulations. It provides protection for eye and face and is ideal in environments where the highest possible levels of protection are required.

Features
- Full-face visor system allows light in and wide field of vision
- Supplied with belt-mounted air flow regulator with integrated removable charcoal filter & silencer
- Inbuilt airflow indicator for additional safety

E-BREATHE
READY-PACK

The e-Line system has a robust and durable construction which reliably protects the control unit inside. Thanks to its smooth surface, the housing is easy to clean. It can be easily opened for quick and easy maintenance.

- Ready-Pack includes: e-Line CA Regulator Valve, Belt, CRV CA Adapter, breathing hose, head piece and storage box

MSA **COMPRESSED AIRLINE APPARATUS**

MSA's compressed airline breathing apparatus provides a supply of safe air wherever air is irrespirable or oxygen deficient. The corresponding accessories include compressed air filters, automatic switch valve, and MASS trolley system to ensure air quality and deliverability.

Features
- Allows for independent breathing in irrespirable conditions, including contaminated ambient air and oxygen deficiency
- Suitable for long-duration work and special applications
- Modular design for multiple configurations
- ASV (automatic switch valve) supplies air even if the airline is disconnected or the external air source fails
- Compressed air filters purify air of organic and inorganic gases and vapors

FULL FACE MASKS

MSA
ADVANTAGE 3100

The Advantage 3100 provides both protection and unparalleled comfort. The soft sealing line made of hypoallergenic silicone provides a pressure-free fit. The large, optically corrected lens ensures a clear, undistorted view.

- Compatible with RD40 1/7" (EN148-1) threaded cannisters and filters – see online for range

MSA
ADVANTAGE 3200

Donning the Advantage 3200 is unbelievably quick, simple and accomplished without painful hair pulling. The patented head harness gives a perfect face piece-to-face fit. Twin filter design, takes standard Advantage bayonet style filters

- Compatible with Advantage bayonet cartridges and filters – see online for range

The full face mask Advantage Series provides both protection and unparalleled comfort. The soft sealing line made of hypoallergenic silicone provides a pressure free fit.

HONEYWELL
5400

The 5400 Series provides the comfort and protection you would expect from North, at an unbeatable price. No other full facepiece in its price range offers such quality, engineering and attention to detail.

- Compatible with Honeywell cartridges and filters – see online for range

FILTERS, CARTRIDGES & PRE FILTERS

Full range of 3M, MSA and Honeywell filters, pre-filters and cartridges available for dust, vapours, toxins and particulates. Visit our website for the full range.

MSA **ADVANTAGE** 200LS

The patented MultiFlex® system equalises pressure on the face-seal area while delivering exceptional stability, so the respirator will not collapse during wear. The sealing surface instantly conforms to each wearer's unique facial characteristics.
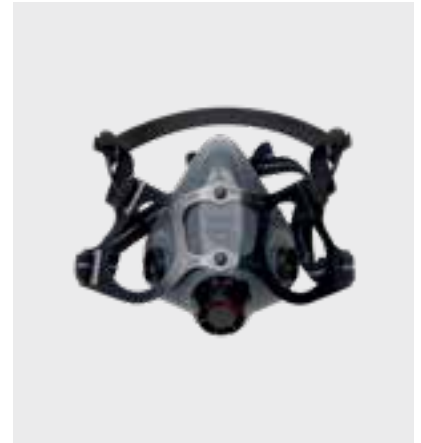
- Compatible with Advantage bayonet A2, A2P3, ABEK P3 cartridges – see online for range

MSA **ADVANTAGE** 420

With its UniBond over-mould AnthroCurve™ face seal, and low profile design, the 420 Respirator is the superior option for respiratory protection. The facepiece and face seal ensure the unit provides an excellent fit and comfort to the wearer.

- Compatible with Advantage bayonet cartridges and filters – see online for range

HONEYWELL 5500

The North 5500 Series incorporates the comfortable and efficient design of the popular 7700 Series half mask with the low cost and convenience of a disposable. All parts are replaceable, extending the useful life of the respirator.
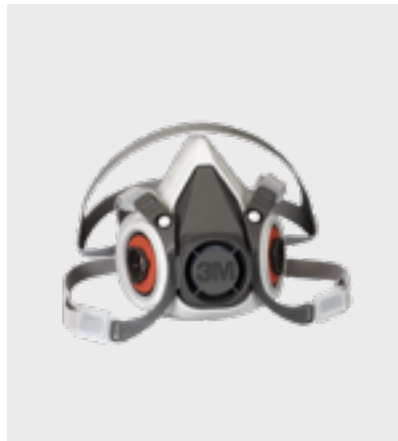
- Compatible with Honeywell cartridges, filters and accessories – see online for range

HONEYWELL 7700

The 7700 Series is the most comfortable and durable half mask available. Its soft non-allergenic silicone soft provides excellent protection. The cradle suspension system allows the facepiece to seal evenly without pressure points.
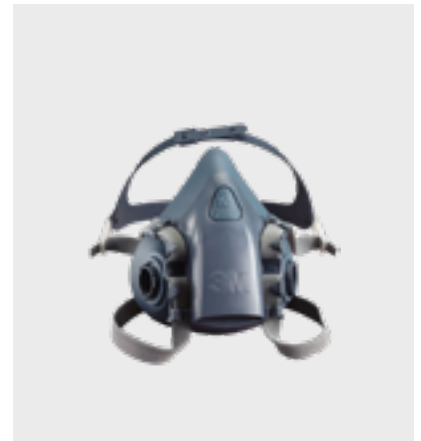
- Compatible with Honeywell cartridges, filters and accessories – see online for range

3M 6000

The 600 Series offers versatility for many environments and applications providing protection against particulates and a wide variety of gases and vapours when used with approved cartridges and filters. Available in three sizes (small, medium, large) to comfortably fit many faces shapes.

- Compatible for use with 3M gas, vapour and particulate cartridges and filters – see online for range

3M 7500

Easy breathing, comfortable and durable respiratory protection. Proprietary 3M™ CoolFlow™ Valve helps make breathing easier and can offer cooler and drier comfort. Dual-mode head harness that adjusts easily so users can wear the respirator in either standard or drop-down mode.

- Compatible for use with 3M gas, vapour and particulate cartridges and filters – see online for range

DISPOSABLE MASKS

MSA AFFINITY 1220 P2

Effective, reliable and economical. Offers protection against most solid and liquid aerosol particles, depending on which class of filter is used. The filter media provides excellent efficiency and enhanced durability.

MSA AFFINITY 1211 P2

The MSA Affinity 1211 Disposable Face Mask offers protection against most penetrating solid and liquid aerosol particles and airborne viruses. The specially selected filter media provides excellent efficiency and enhanced durability.

KN95 DISPOSABLE FACE MASKS

- 5ply disposable face mask with earloops
- Fluid resistant with high breathability
- Protect yourself and others
- Packet of 10

30 MINUTES

MSA **SAVOX** SELF RESCUER

This chest-worn protective escape device provides oxygen on demand wherever toxic gases, particles or oxygen deficiency can be imminently present. Ready-to-use, it's small in size and low in weight, making it easy to don, use and carry. Fast-escape, 30-minute respiratory device. Small size, low weight for easy donning. Low maintenance.

20 MINUTES

MSA **30/100** SELF RESCUER

This small, robust KO2 respiratory device delivers safe and immediate oxygen on demand for escape or rescue. Packed airtight in a stainless steel container, this lightweight device is designed to be worn on a belt for easy opening and use. Belt-carried or use on chest with harness. Fast and easy donning. Air-tight case. Low maintenance costs.

Rebreathers are an oxygen self-rescuer designed for use where there is a relatively low risk of respiratory hazards, such as oxygen deficiency or airborne toxic particles, and where a compact, unobtrusive escape breathing apparatus is required.

90 MINUTES

MSA **SSR90** SELF RESCUER

The MSA SSR 90 K60 is a chemical oxygen apparatus. It supplies the wearer with oxygen, generated from a chemical (KO2). The carbon dioxide and humidity of the exhalation air react with the chemical, carbon dioxide gets removed, and oxygen generated. Provides 1 to 5 hours of oxygen, supply is generated according to the demand of the wearer. Fast and easy donning. Can be reconditioned after use. Training apparatus available.

EYEWEAR PROTECTION

SAFETY GLASSES, GOGGLES & FACE SHEILDS

Designed with the worker in mind, our range of stylish eyewear provides high performance and comfort.

SAFETY GLASSES

SAFETY GOGGLES

FACE SHEILDS

WELDING HELMETS

MSA   Honeywell   uvex

Accurate BEST SELLER ✓

100% UV LENSES

HONEYWELL
A700

Antifog coated. (Clear/Smoke)

HONEYWELL
ADAPTEC

Antifog coated. (Clear/Smoke)

HONEYWELL
PINNACLE

Antifog coated. (Clear/Smoke)

MSA 100% UV PROTECTION RANGE

POLARISED

100% UV LENSES

MSA
Z5

Sunset/Mirror polarised.
(Smoke)

MSA
BLOCK Z

Anti-fog.
(Clear/Smoke)

MSA
BASE

Anti-fog.
(Clear/Smoke)

MSA
AEON

Anti-fog.

MSA
BLACKADDA

(Clear/Smoke)

UVEX PHEOS RANGE ANTI-FOG

100% UV LENSES

100% UV LENSES

UVEX
SMALL

(Black/Orange)

UVEX
BLACK

(Black/Grey)

UVEX
CX2

(White/Black)

UVEX
CBR65

Blue light reducing.

UVEX
X-FIT

(Clear/Grey)

SAFETY GOGGLES

MSA
FLEXITUFF

These soft, flexible goggles feature transparent, vented PVC frames and medium impact protection. Ideal for chipping and grinding environments, they provide a wide field of view and can be worn over prescription eyewear.

- Available in anti-fog and chemical splash models.

MSA
FLEXIFOLD

These full-frame goggles offer universal fit and superior eye protection. Featuring dust- and waterproof sponge cupping, they're ideal for environments with concentrations of fine particles, powder or dust, as well as chemical splash.

- A flexible frame, poly-carbonate lenses and anti-fog properties enhance fit, comfort and performance.

MSA
CHEMPRO

These high quality chemical goggles protect against all types of chemical, liquid and metal splash as well as coarse dust. Ideal for laboratory work, chemical handling, and stone dressing.

- Grade A polycarbonate lens resists impact at extreme temperatures, including molten metal splash
- Clear, anti-fog offers high visibility

UVEX
CARBOVISION

The frame of these goggles is constructed using the latest material and manufacturing technologies, for maximum mechanical rigidity. The TPU directly welded onto the frame for perfect fit and easy cleaning.

- Fog-free vented
- Replaceable lens
- AS/NZS 1337.1

UVEX
ULTRAVISION

The Uvex Ultravision features a comfortable and ergonomic design and offers unrestricted side visibility. This flexible wide-vision goggle is also suitable for use as overspecs and is available with polycarbonate lenses.

- Lenses can be replaced
- Vented clear PVC
- AS/NZS 1337.1

UVEX
ULTRASONIC

The combination of hard and soft material components with the Uvex Ultrasonic combines medium mechanical rigidity with maximum wearer comfort – These goggles never press or pinch even when worn continuously.

- Lenses can be replaced
- Fog-free vented
- AS/NZS 1337.1

MSA **IMPACT SPLASH VISOR**

UV, Anti-scratch, Anti-fog models available

MSA **PROPIONATE CHEMICAL**

Impact protection, chemical resistant

MSA **V-GARD BARRIER**

MSA V-Gard with polycarbonate visors reliably protect against impact, chemical splash and UV radiation. They are the perfect solution for general and basic applications and can be worn with helmet-mounted earmuffs.

Features

- Self-retaining, east-to-grip visor adjustment knobs Seven-point crown adjustment to fit most head sizes
- Replaceable, sweat-wicking, cushioned headband

MSA **MESH VISOR**

Gerenral Purpose.

A WIDE SELECTION OF VISORS, RATCHETS, CHIN AND NECK PROTECTORS AVAILABLE – VIEW WEBSITE FOR MODELS

HONEYWELL **TURBOSHIELD**

Comfortable for longer wear, provides protection from impact, splash, UV and airborne debris.

Features

- Flexible Head-Cushioning suspension cradle provides 300% greater contact area than traditional suspensions.
- Easy visor exchange with a push button release
- Improved Protection with 50% more chin coverage compared to traditional visors

EYEWASH STATIONS

ASK ABOUT OUR EYEWASH STATIONS, SOLUTIONS AND STANDS. VIEW WEBSITE FOR MORE INFORMATION.

WELDING PROTECTION

MSA **FLASHMASTER FLIP-UP**

The Flashmaster goggle is a multipurpose lens option eye protection option ideal for gas welding, chipping and grinding.

Features
- Dual purpose
- Easy replacement welding filter and protective cover lenses

MSA **TRADESMAN**

Ideal for electrical or arc welding, manufactured in polypropylene to guarantee a lightweight design and superior strength that is heat resistant and chemical resistant. Welding splatter is minimised by a replaceable CR39 cover lens which protects the filter.

Features
- Padded cloth headband
- Adjustable head diameter
- Height and face shield angle

3
YEAR
WARRANTY

CLEARAIR **SMARTIGER**

Uses a professionally tested hood in combination with high quality auto-darkening filters. The hood is ideal for welders, maintenance workers, carriage builders and building assemblers who look for an affordable solution with quality high level optical quality 1/1/1/3.

Features
- Suitable for most welding methods including TIG
- Ideal for occasional welders, maintenance workers, carriage builders and building assemblers
- Wide range of adjustable sensor sensitivity

HAND PROTECTION

eureka

EUREKA **GENERAL PURPOSE**

Eureka's high performing range of general, assembly and nitrile gloves for hand protection and oil environments.

- 15-1 General purpose
- 15-1 Nitrile 2 / Fully Coated
- 13-4 General

EUREKA **CUT RESISTANCE**

Eureka's high performance Level E and F cut 5 resistant lightweight thin gloves, suitable for Touchscreen use (18-5)

- 13-4 General Light 5E
- 18-5 Supercool High Cut 5F

18-5 THINNEST CUT 5F PROTECTION AVAILABLE

EUREKA **ARC FLASH**

Extreme Arc Flash Heat protection, suitable for toughest working conditions with high risk of spark, heat and flame risks

- 13-4HAF High Arc Flash
- 13-4HFR Heat & Arc
- 13-4HFR-AF Heat & Arc Flash

VIBRATION & MECHANICAL

High comfort vibration reducing and mechanics gloves for low, mid and high frequency and impacting tools.

- 15-1 Transient – high frequency >600 Hz
- Impact Vibration – high frequency >~250 Hz
- Impact Vibration Flexi – mid frequency tools 5-400 Hz
- MSA Mechanics Anti-Shock – gel insert

Eureka safety gloves are the hero product from Y.Berger & Co, a family owned textile company, founded in 1959 and headquartered in Gothenburg, Sweden.

FOOTWEAR

Innovative, environmentally conscious Italian producer of extremely sturdy fabric, abrasion and tear resistant, water repellent and breathable safety footwear

COFRA **MEAZZA**

- Kevlar anti-penetration midsole
- Aluminium toecap - 200J
- Soft and comfortable; the shape of the bottom part guarantees impact energy absorption

COFRA **STRIKEOUT**

- 100% polyamide fabric, ladder-proof, breathable, it absorbs and releases the moisture, abrasion resistant
- Aluminium toecap - 200J
- Kevlar anti-penetration midsole

COFRA **MISMATCH**

- Kevlar anti-penetration midsole
- Made of scented and highly shock absorbing polyurethane, thanks to the 15 mm thickness in the heel area
- Aluminium toecap - 200J

COFRA **RECUPERATOR**

- Aluminium toecap - 200J
- Soft and comfortable, with low electrical resistance.
- Kevlar anti-penetration midsole

COFRA **RECONVERTED**

- Aluminium toecap - 200J
- The upper layer is made of antibacterial fabric
- Kevlar anti-penetration midsole

COFRA **BALL**

- 100% polyester fabric, breathable, it absorbs and releases the moisture, abrasion resistant
- TPU toe cap protection
- Kevlar anti-penetration midsole

COFRA **ALICE**

- EN ISO 20345:2011
- Aluminium toecap - 200J
- Internal lining is 100 % polyester fabric - it's ladder proof, breathable
- Kevlar anti-penetration midsole

COFRA **INGRID**

- Slip resistant single-density polyurethane, ultralight compound
- Steel toecap - 200J
- Breathable synthetic
- Kevlar anti-penetration midsole

COFRA **ELECTRICAL**

- Completely metal free design
- Water repellent leather
- Fully lined with a breathable textile, it absorbs and releases moisture, abrasion resistant
- Kevlar anti-penetration midsole

COFRA **FLAGRANT**

- EN ISO 20345:2011
- TPU toe cap protection
- 100% polyester fabric, breathable, absorbs and releases the moisture, abrasion resistant
- Kevlar anti-penetration midsole

COFRA **POP BROWN**

- EN ISO 20345:2011
- Non-metallic toecap - 200J
- Breathable, antibacterial and abrasion resistant
- Kevlar anti-penetration midsole

Accurate BEST SELLER ✓

COFRA **ASPHALT**

- Water repellent printed leather upper
- Non-metallic anti-penetration mid-sole, more protection without sacrificing flexibility or shock absorbing properties of the sole unit.

BATA **HERCULES**

- Kevlar anti-penetration midsole
- Steel toecap - 200J
- Anti Static, energy absorption and fuel oil resistant outsole
- Heat resistant to 130°C

BATA **SAFEMATE**

- Made in New Zealand
- Steel toecap - 200J
- Wider fitting in the foot, toe and calf and under foot with dual density hi-poly comfort insoles.

HEAD PROTECTION

MSA

BrimGuard™

HARD HATS

Available as a Miners Cap

MSA **V-GARD CAP**

Accurate BEST SELLER ✔

- Available in a variety of colours
- Earmuff and Visor attachment slots
- An extended peak
- Pushlock or Fastrac suspensions

Available as a Miners Cap

MSA **V-GARD 500 VENTED**

- Available in a variety of colours
- Earmuff and Visor attachment slots
- Venting promotes air flow
- Pushlock or Fastrac suspensions

Available as a Miners Cap

MSA **V-GARD FULL BRIM**

- Available in a variety of colours
- Polyethylene shell provides superior impact protection
- Pushlock or Fastrac suspensions

DRIPGUARD **MAX CAP**

- Can be added to any brand of cap style hard hat that has a straight rim
- Greatly increases visibility

BRIMGUARD **HI-VIZ ULTRA**

Provides 360° night reflectivity over a full brim hard hat. Directs rain runoff away from the face

MSA head protection products are recognised across the NZ infrastructure and height safety indistries for comfort, quality and durability. MSA have sold over 100 million V-Gard helmets worldwide since its introduction.

MSA
SUN BRIM

Cotton sun brim for additional protection from the summer sun.

MSA
SUNSHADE

Protect wearer's ears and neck from sun and heat, but also enhance worker visibility. Fits most hats and caps.

MSA **ELASTIC CHINSTRAP**

- Available with 2 point or 4 point connection

MSA **V-GARD PUSHLOCK LINER**

This suspension liner includes headband, nape strap, sweatband and adjustable crown straps.

MSA **FASTRAC LINER**

MSA V-Gard Fas-Trac suspension replacement. The ratchet comfort pad contours to the back of the head.

BUMP CAPS

BUMP CAP **SHORT PEAK**

- Comfortable and stylish protective headwear
- EN 812 certified
- Ventilated with anti-shock foam cushioning
- Elastic strap, easily clip-adjustable to S-3XL

BUMP CAP **LONG PEAK**

- Comfortable and stylish protective headwear
- Ventilated with anti-shock foam cushioning
- Retroreflective tape on peak, side panels and rear strap for 360-degree night visibility

PORTABLE LIGHTING, LAMPS & TANK LIGHTING

Wolf®

INTRINSICALLY SAFE TORCHES

ZONE 0

WOLF **MINI**

- Proven impact resistance
- AAA batteries
- 107 lumen LED

ZONE 0

WOLF **MIDI**

- IP67 water and dust tight
- AA batteries
- 210 lumen LED

ZONE 0

WOLF **R-55**

- Proven impact resistance
- Rechargeable Battery
- High Power LED

ZONE 1

WOLF **ATEX**

- Two versions
- 2x LR20 Batteries
- 130 lumens / 17 hours

HEAD LAMPS

ZONE 0

WOLF **HT-400**

- Tilt adjustment
- AAA batteries
- High Power LED
- IP67 water and dust tight

ZONE 0

WOLF **HT-650**

- IP67 water and dust tight
- AA batteries
- 130 lumen LED
- IP67 water and dust tight

HAND LAMPS

ZONE 1

WOLF **H-4DCA**

- IP66 ingress protection
- 4x LR20 Batteries
- 269 lumens / 45 hours
- Anti-static body

ZONE 0

WOLF **XT**

- IP67 certified
- Rechargeable
- 430 lumens / 11 hours
- Spot and flood switchable beam options

ZONE 1

WOLF **LINKEX LED ATEX**

Giving high quality ambient lighting, each unit utilises two arrays of high powered LEDs to give a brilliant white light output, high reliability and a low maintenance, light source. The luminaires will be supplied in a '180°' format with the LED arrays positioned side-by-side to give effective unidirectional illumination.

ZONE 1

WOLF **LINKEX TEMPORARY**

Certified for safe use in Zones 1 and 2 potentially explosive gas and dust atmospheres. For use in confined space applications, such as metal tanks, with a higher risk of electric shock.

ZONE 1

MSA **LINKEX ATEX TANK KIT**

The kits allow for a flexible setup of high quality task and ambient lighting to suit all working conditions in tanks and vessels and offers your workers a high level of safety. Typical applications include vessel entry, tank cleaning and routine inspection work and programmes of preventative maintenance shutdowns.
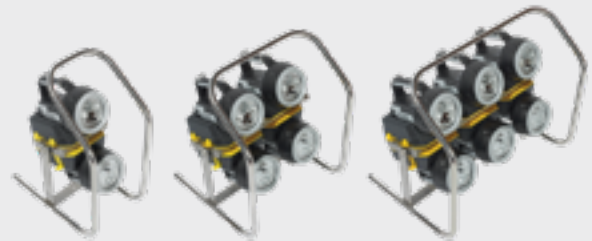
ZONE 0

WOLF **ATEX FLOODBANKS**

Deliver an outstanding light output from the high intensity spot beam, switchable to a wide-angle flood. The battery duration at high output is 7.5 hours and 15 hours in powersave mode.

WARNING LIGHTS

ZONE 1

WOLF **MARKERLITE**

- 3V Lithium cells lasts 65hrs (flashing), 25hrs (static)
- Three colours available: white / red / amber

ZONE 0
ZONE 1

WOLF **HL-95 HAZARD**

- In flashing and in daylight cut-out mode may operate for up to six months from a single battery.

CAP LAMPS

ZONE 1

Variety of multi charging racks available

ALFA **WL**

Designed for professional mining, tunnelling and civil works, industrial sites, maintenance, emergency and rescue services and caving.

ZONE 0

Variety of multi charging racks available

ADARO **L-50+**

Professional safety cap lamp. It has 3 high intensity LEDs and a digital display to know the battery level in hours and minutes.

INDUSTRIAL & HI-VIS APPAREL

HI-VIS WET WEATHER

V5 **VEST ORANGE**

- High visibility vest in fluorescent orange with reflective tape
- Transit approved for use on roads
- Cellphone pocket with velcro closure flap
- Sizes XS to 6XL

COFRA **PADDED JACKET**

Highly visible down puffer jacket, ergonomically designed for employees working in adverse weather conditions. Adjustable cuff with velcro and foldaway hood.

BISON **STAMINA V17**

- Black anti-pill poly fleece liner
- High visibility in accordance with: AS/NZS 4602.1:2011
- Day/Night use. EN471 – Class 3

BISON **STAMINA TTMC V18**

- Black anti-pill poly fleece liner
- High visibility in accordance with: AS/NZS 4602.1:2011
- Day/Night use. EN471 – Class 3

We have a wide range of 6 hour and 12 hour weather apparel and regular hi vis apparel available in a wide array of sizes. Visit us online to view thefull range of options available.

TYVEK
400 DUAL

Comfort fit design based on extensive wearer input to provide our most comfortable garment design that enables a greater range of movement while stretching and bending, provides a more tailored fit, offers reinforcement in high stress areas for fewer blowouts, utilizes a longer zipper for easier donning and doffing and an elastic waist to better position the garment

MICROGARD
1500 SMS

- Proven to filter 100% of particles >3 microns
- SMS material is air and water vapour permeable ("breathable") to help reduce the risk of heat stress
- Silicon-free, this is critical for spray painting applications
- Optimised body fit improves wearer comfort and safety
- Applications include asbestos related work, handling powders, general maintenance and construction

MICROGARD 2000
BREATHABLE

- Excellent liquid penetration resistance and barrier to fine particulates (>0.01 microns)
- Breathable laminate material is moisture vapour permeable
- Silicon-free, this is critical for spray painting applications
- Low linting to reduce the risk of fibre contamination
- Optimised body fit improves wearer comfort and safety
- Anti-static

MICROGARD 3000
CHEMICAL

- Multi-layer barrier fabric is effective against numerous chemicals
- High visibility yellow colour improves worker visibility and safety
- Light weight, yet durable fabric is more comfortable to wear
- Anti-static – Tested according to EN 1149-5
- Dual zip and double cuffs offer additional protection

MICROGARD 4000
CHEMICAL

- Permeation tested against over 160 chemicals including chemical warfare agents
- Textile like inner improves user acceptance
- Anti-static – Tested according to EN 1149-5
- Dual zip and double cuffs offer additional protection

MICROGARD 5000
CHEMICAL

- Protects against numerous organic and inorganic chemicals and biological hazards
- >480 minutes breakthrough time against 14 or 15 chemicals listed in EN ISO 6529
- Multi-layer material is lightweight yet strong and durable
- Highly visible orange colour for improved worker safety.
- Anti-static

FIRST AID KITS

FIRST AID KIT
1 TO 2 PERSON

- Soft carry bag first aid kit. Suitable for automobile or recreation

FIRST AID KIT
1 TO 5 PERSON

- First aid kit for 1-5 people, ideal for small offices, vehicles and boats
- Packaged in a soft bag
- Content meets OSH guidelines

Visit our website to view full kit contents.

FIRST AID KIT
6 TO 25 PERSON

- First aid kit for 6-26 people, ideal of medium size work places.
- Packaged in a soft bag.
- Content meets OSH guidelines

FIRST AID KIT
26 TO 50 PERSON

- First aid kit for 6-26 people, ideal of medium size work places
- Packaged in a plastic box
- Comes with wall mountable bracket
- Content meets OSH guidelines

No matter the amount of employees, it is mandatory to have a first aid kit to be prepared for the unfortunate consequence of a workplace injury.

FLAMESTOP
1.0KG ABE

Designed to be the most effective extinguisher in the common household, small kitchen, small computer or electrical room.

- With vehicle bracket
- Stainless steel handles
- Steel cylinder, brass valve
- Powder coated red finish
- Approved to AS/NZS 1841.5

FLAMESTOP
2.5KG ABE

2.5kg ABE fire extinguisher fitted with stainless steel **vehicle bracket.**

- Stainless steel handles
- Steel cylinder, brass valve
- Powder coated red finish
- Approved to AS/NZS 1841.5

FLAMESTOP
2.5KG ABE

2.5kg ABE fire extinguisher fitted with **wall bracket.**

- Stainless steel handles
- Steel cylinder
- Brass valve
- Powder-coated red finish
- Approved to AS/NZS 1841.5

FLAMESTOP
4.5KG ABE

Powder coated finish with maximum UV protection.

- Steel cylinder with a fully welded skirt
- Brass valve
- Stainless steel handles
- Approved to AS/NZS 1841.5

FLAMESTOP
9.0KG ABE

The largest of the FlameStop portable extinguisher range.

- Stainless steel handles
- Steel cylinder
- Brass valve
- Powder coated red finish
- Approved to AS/NZS 1841.5

FlameStop is the largest independent fire equipment manufacturer and wholesaler in Australia.

SAFETY CABINETS

CORROSIVE LIQUID
STORAGE 30 TO 250L

Metal corrosive storage cabinet, ranging from 30L to 250L, suitable for storage of Class 8 corrosive substances in liquid or solid form including acids, alkalis, caustics, sodium hydroxide solutions and hypochlorite solution.

- Manufactured to meet AS3780 standards for the storage and handling of corrosive substances.

FLAMMABLE LIQUID
STORAGE 30 TO 250L

Flammable liquid storage cabinets, suitable for storage of Class 3 flammable or combustible liquids such as paint, solvents, petrol, thinners, kerosene, turpentine, white spirits, alcohol, ethanol, diesel, linseed oil and more.

- Manufactured to meet AS1940 standards for the storage and handling of flammable and combustible liquids.

SPILL CONTAINMENT

SPILLFIX UNIVERSAL ABSORBENT

SpillFix Organic Absorbent and SpillFix Organic Booms can be used on a broad range of hazardous and non-hazardous spills.

- Available in 15L or 50L bags
- Absorbs 90% capacity in under 10mins
- Contains no harmful dust
- Contains no chemicals or pesticides
- Biodegradable – can be composted

SPILLTECH
SPILL KITS

- General purpose spill kit that can be used with any liquid spills including, oil, petrol, diesel, liquid chemicals, paint etc
- The spill kit contains a mixture of loose absorbent fibre, absorbent socks, pillows and pads as well as the necessary PPE including gloves, safety specs, coveralls and a respirator plus instruction card and disposal bag
- Available in 120L or 240L - see website

Visit our website to view full range of spill kits and absorbent socks.

KEYED ALIKE
LOCKOUT PADLOCK

Is a safe bet you won't confuse our new safety lockout padlocks with any other locks. Available in vibrant RED, BLUE & YELLOW colours, with permanent write on labeling, allow for versatile readily distinguishable coding. The ABS body is lightweight and non-conductive, yet strong, durable and unaffected by the elements and harsh working environments. The keyway is unique, ensuring the integrity of your key system.

KEYED DIFFERENTLY
LOCKOUT PADLOCK

Is a safe bet you won't confuse our new safety lockout padlocks with any other locks. Available in vibrant RED, BLUE & YELLOW colours, with permanent write on labeling, allow for versatile readily distinguishable coding. Even the keyway is unique, ensuring the integrity of your key system. A Single dedicated safety key is provided per lock and its retained until the lock is closed.

Rugged yet compact and lightweight, these innovative locks meet OH&S lockout requirements and are well suited for harsh industrial environments.

STEEL
LOCKOUT HASP

- Steel Lockout Hasp available in 25mm & 38mm inside jaw diameters
- Allows multiple workers to lockout a single point
- Keeps equipment in operable while repairs or adjustments are being made
- Made from heavy gauge steel jaw with red vinyl coated handle
- Holds up to 6 padlocks

ALUMINIUM
LOCKOUT HASP

- Aluminium Lockout Hasp available in 25mm & 38mm inside jaw diameters
- Allows multiple workers to lockout a single point
- Keeps equipment in operable while repairs or adjustments are being made
- Aluminium jaw with red vinyl coated handle
- Holds up to 6 padlocks

BALL & GATE VALVE
LOCKOUT

- B-Safe® Ball Valve Lockout for valves from 50mm to 200mm
- Gate valves from 25mm to 254mm
- Highly resistant to solvents and other chemical products
- Highly resistant to cracking and abrasion

Visit our website to view the full range of lockout and hasp products

Accurate Training

INDUSTRY TRAINING COURSES

www.accuratetraining.kiwi

Accurate offers a wide range of training options starting from basic product knowledge, right through to extensive theory and practical training.

Our training caters to a wide variety of industry sectors. The content we provide is recognised and relevant. We regularly update all our content and keep our trainer's knowledge up to date. The courses all focus strongly on Health & Safety procedures and guidelines, so you are working confidently and safely. We make every effort to assist you with any of your applications and answer any questions you have.

Our Industry trainers are based nationwide and training is available anywhere in New Zealand or we can utilise our training centres in either Auckland or Christchurch.

MOST POPULAR COURSES

Industry, Methodology or
Basic Products Courses.

- **Cable Location**
- **Ground Penetrating Radar GPR**
- **Gas Detection**
- **Moisture Inspection**
- **Soil Testing**
- **Leveling & Setout**
- **Thermal Imaging**

Ara
Institute of Canterbury

NEW ZEALAND INDUSTRY, ACADEMIA COURSES*

Accurate Instruments have partnered with Ara Te Pukenga to provide best practice locator courses for those working with Utility location equipment.

Only available on some courses

Nulca
NEW ZEALAND

Accurate Training is a proud member of Nulca New Zealand, the industry association representing underground service locators and those involve and protecting New Zealand's underground infrastructure.

Our industry experienced sales and advisory team provide you, the trades person, operator, consultant or consumer, with the correct instrument, product information, training and support backup to meet your demands.

We have two showroom branches with full service and calibration facilities, in Auckland and Christchurch, where many of our products can be viewed and purchased.

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Accurate is a 100% New Zealand owned company.

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