



BF06 Luxmeter

- Development, design, production: 100 % Trotec
- Measurement of illuminance and incidence of light
- Large, clearly legible measurement value display
- Maximum value function
- Easy one-hand operation
- Sensor-controlled display illumination in poor lighting conditions
- Automatic switch-off
- Integrated ¼ inch tripod thread
- Practice-optimized German industrial design – protected design patent



BF06WP Luxmeter

- Development, design, production: 100 % Trotec
- Measurement of illuminance and incidence of light
- High-quality sensor technology and numerous measuring functions
- Intelligent combination of appSensor and the MultiMeasure Mobile app
- Maximum or minimum value and hold function
- Logging function
- Chart representation of measurement data
- Report generation
- Average value determination
- Alarm function
- Magnetic holder to allow for hands-free working
- Practice-optimized German industrial design – protected design patent



BS06 Sound level measuring device

- Development, design, production: 100 % Trotec
- Quick and reliable sound level measurements
- Maximum, minimum value and hold function
- Sensor-controlled display illumination in poor lighting conditions
- Easy one-hand operation
- Rapid response times
- Automatic switch-off
- Integrated ¼ inch tripod thread
- Practice-optimized German industrial design – protected design patent



BS30WP Sound level measuring device

- Development, design, production: 100 % Trotec
- Quick and reliable sound level measurements
- Maximum, minimum value and hold function
- Average value determination
- Rapid response times
- Alarm function
- Automatic switch-off
- Magnetic holder to allow for hands-free working
- Variety of further measuring and analysis functions
- Practice-optimized German industrial design – protected design patent

Overview:
Emission measuring devices



Technical data		BF06	BF06WP	BS06	BS30WP
Article number		3.510.205.081	3.510.205.085	3.510.205.051	3.510.206.051
Light detector		Durable silicone photodiode with infrared filter	Durable silicone photodiode with infrared filter	–	–
Lux	Measuring range	0 lx up to 40,000 lx (0 fc up to 3,716 fc)	0 lx up to 40,000 lx (0 fc up to 3,716 fc)	–	–
	Accuracy	±5 % ±10 lx/fc (< 10,000 lx / 1,000 fc) ±10 % ±10 lx/fc (> 10,000 lx / 1,000 fc)	±4 % ±10 lx/fc (< 10,000 lx / 1,000 fc) ±10 % ±10 lx/fc (> 10,000 lx / 1,000 fc)	–	–
	Resolution	0.1 lx / 0.01 fc	0.1 (<200 LUX) 1 (<2,000 LUX) 10 (<20,000 LUX) 100 (<40,000 LUX)	–	–
dB(A)	Measuring range	–	–	40 dB(A) up to 130 dB(A) (31.5 Hz - 8 kHz)	35 dB(A) up to 130 dB(A) (31.5 Hz - 8 kHz)
	Accuracy	–	–	±3.5 dB (at 1 kHz and 94 dB)	±3.5 dB (at 1 kHz and 94 dB)
	Resolution	–	–	0.1 dB	0.1 dB
Measuring rate		2.5 x per second, nominal	1 x per second, nominal	–	–
Response time		–	–	0.125 s	0.125 s
Operating conditions		–	–	0 °C up to 40 °C 10 % RH up to 75 % RH	-20 °C up to 60 °C 10 % RH up to 90 % RH
Data interface		–	Bluetooth 4.0	–	Bluetooth 4.0
Power supply		1 x 9 V block battery	3 x 1.5 V, AAA	1 x 9 V block battery	3 x 1.5 V, AAA
Dimensions		157 mm x 34 mm x 56 mm	22 mm x 36 mm x 155 mm	140 mm x 34 mm x 56 mm	110 mm x 30 mm x 20 mm
Weight		138 g	111 g	135 g	123 g
Functions		BF06	BF06WP	BS06	BS30WP
MultiMeasure Mobile App necessary		–	■	–	■
MultiMeasure Mobile App compatible		–	■	–	■
Minimum value display		–	■	■	■
Maximum value display		■	■	■	■
Average value display		–	■	–	■
Hold function		–	■	■	■
Long-term measurement function		–	–	–	■
Switching function lx/fc		■	–	–	–
Representation of measurement data as chart, matrix or table		–	■	–	■
Data export		–	■	–	■
Report generation function		–	■	–	■
Sensor-controlled display illumination		■	–	■	–
Alarm function		–	■	–	■
¼ inch tripod thread		■	–	■	–
Automatic switch-off		■	■	■	■
Battery status indication		–	■	–	■
Scope of delivery		BF06	BF06WP	BS06	BS30WP
Battery(-ies)		■	■	■	■
Bag/Holster		■	–	■	–
Wind shield		–	–	■	■
Magnetic holder		–	■	–	■
Wrist strap		–	■	–	■
Optional accessories		BF06	BF06WP	BS06	BS30WP
Universal tripod		6.300.000.200	–	6.300.000.200	–
Combination bracket with universal clamp		6.300.000.201	–	6.300.000.201	–
Bag for WP-appSensors		–	3.510.206.090	–	3.510.206.090