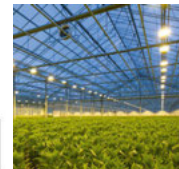


BC06 Thermohygrometer

- Development, design, production: 100 % Trotec
- Measurement of diverse climate data with only one device: relative humidity, air temperature, dew point and wet-bulb temperature
- Dual display for parallel presentation of additional measured values
- Maximum, minimum value and hold 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



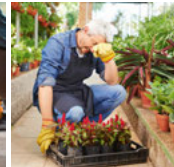
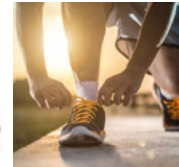
BC21 Thermohygrometer

- Development, design, production: 100 % Trotec
- Measurement of diverse climate data with only one device: relative humidity, air temperature, dew point and wet-bulb temperature
- Dual display for parallel presentation of additional measured values
- Maximum, minimum value and hold function
- Rapid response time
- Soft-touch function keys
- Easy one-hand operation
- Backlit display
- Automatic switch-off
- Robust design
- Practice-optimized German industrial design – protected design patent



BC21WP Thermohygrometer

- Development, design, production: 100 % Trotec
- Measurement of diverse climate data with only one device: relative humidity, air temperature, dew point and wet-bulb temperature
- High-quality sensor technology and numerous measuring functions
- Intelligent combination of appSensor and The MultiMeasure Mobile app
- Maximum, minimum value and hold function
- Logging function
- Chart representation of measurement data
- Report generation
- Rapid response time
- 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



BC25 Thermohygrometer

- Determination of climate parameters °C/°F, %RH, dew point, wet-bulb temperature, heat index (HI), apparent temperature (WBGT)
- Alarm function for heat index (HI) and apparent temperature (WBGT)
- Display of minimum, maximum and average values
- Large and easy-to-read LCD display
- Hold function
- Automatic switch-off

Overview:
Thermohygrometers



Technical data		BC06	BC21	BC21WIP	BC25
Article number		3.510.205.005	3.510.205.006	3.510.206.006	3.510.205.008
Air temperature	Measuring range	-20 °C up to 60 °C / -4 °F up to 140 °F	-30 °C up to 100 °C / -22 °F up to 199 °F	-20 °C up to 60 °C / -4 °F up to 140 °F	-20 °C up to 50 °C / -4 °F up to 122 °F
	Accuracy	±2 °C / ±1.5 °F (at -20 °C up to 0 °C) ±1 °C / ±1.5 °F (at 0 °C up to 40 °C) ±2 °C / ±1.5 °F (at 40 °C up to 60 °C)	±1 °C / ±1.5 °F	±0.8 °C (at -20 °C up to 0 °C) ±0.5 °C (at 0 °C up to 60 °C)	±0.6 °C
	Resolution	0.1 °C / 0.1 °F	0.01 °C / 0.01 °F	0.1 °C / 0.1 °F	0.1 °C / 0.1 °F
Humidity	Measuring range	0% RH up to 100% RH	0% RH up to 100% RH (Specified 5% RH up to 95% RH)	0% RH up to 100% RH (Specified 5% RH up to 95% RH)	0% RH up to 99.9% RH
	Accuracy	±3.5% RH (at 20% up to 80% RH) ±5% RH (at 0% up to 20% and 80% up to 100% RH)	±2% RH at 25 °C and 5% RH up to 95% RH	±3.5% RH (at 20% RH up to 80% RH) ±5% RH (at 0% RH up to 20% RH) ±5% RH (at 80% RH up to 100% RH)	±3% RH (at 10% RH up to 90% RH) ±5% RH (at 0% RH up to 10% RH) ±5% RH (at 90% RH up to 99.9% RH)
	Resolution	0.1% RH	0.01% RH	0.1% RH	0.1% RH
Dew point temperature	Measuring range	0 °C up to 50 °C / 32 °F up to 122 °F	-30 °C up to 100 °C / -22 °F up to 199 °F	—	—
	Accuracy	±2 °C / ±3.6 °F	±1 °C / ±1.5 °F	—	—
	Resolution	0.1 °C / 0.1 °F	0.01 °C / 0.01 °F	—	—
Wet-bulb temperature (Cooling limit temperature)	Measuring range	0 °C up to 50 °C / 32 °F up to 122 °F	0 °C up to 80 °C / 32 °F up to 176 °F	—	—
	Accuracy	±2 °C / ±3.6 °F	±1 °C / ±1.5 °F	—	—
	Resolution	0.1 °C / 0.1 °F	0.01 °C / 0.01 °F	—	—
Data interface	—	—	Bluetooth 4.0	—	
Power supply	1 x 9 V block battery	1 x 9 V block battery	3 x 1.5 V, AAA	1 x 3 V, CR2032	
Dimensions	146 mm x 34 mm x 56 mm	225 mm x 32 mm x 54 mm	22 mm x 32 mm x 226 mm	142 mm x 20 mm x 36 mm	
Weight	145 g	200 g	180 g	52 g	
Functions	BC06	BC21	BC21WIP	BC25	
MultiMeasure Mobile App necessary	—	—	■	—	
MultiMeasure Mobile App compatible	—	—	■	—	
Minimum value display	■	■	■	■	
Maximum value display	■	■	■	■	
Average value display	—	—	■	■	
Hold function	■	■	■	■	
Long-term measurement function	—	—	■	—	
Dew point	—	—	■	—	
Critical dew point	—	—	■	—	
Absolute humidity [g/m³]	—	—	■	—	
Specific humidity [g/gk]	—	—	■	—	
Heat index (HI)	—	—	—	■	
Perceived temperature (WBGT)	—	—	—	■	
Wet-bulb temperature	—	—	—	■	
Switching function °C/°F	■	■	■	■	
Representation of measurement data as chart or table	—	—	■	—	
Data export	—	—	■	—	
Report generation function	—	—	■	—	
Sensor-controlled display illumination	■	—	—	—	
Backlit display	—	■	—	—	
Alarm function	—	—	■	—	
Alarm function for Heat Index (HI)	—	—	—	■	
Alarm function for wind chill temperature (WBGT)	—	—	—	■	
¼ inch tripod thread	■	—	—	—	
Automatic switch-off	■	■	■	■	
Battery status indication	—	—	■	—	
Scope of delivery	BC06	BC21	BC21WIP	BC25	
Battery(-ies)	■	■	■	—	
Bag/Holster	■	■	—	—	
Magnetic holder	—	—	■	—	
Wrist strap	—	—	■	—	
Optional accessories	BC06	BC21	BC21WIP	BC25	
Universal tripod	6.300.000.200	—	—	—	
Combination bracket with universal clamp	6.300.000.201	—	—	—	
Bag for WP-appSensors	—	—	3.510.206.090	—	