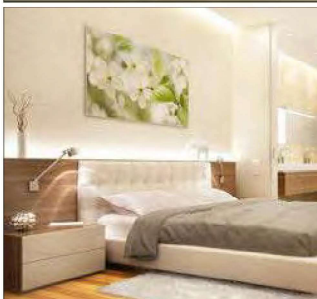


BC21WP Thermohygrometer controlled via smartphone

High-quality sensor technology and numerous measuring functions make the BC21WP the ideal climate measuring device for workshop, hobby and household applications. Risk of mould growth or rust? The combined application of the appSensor and the appertaining, free MultiMeasure Mobile app comes with many valuable and practical advantages for the user in terms of flexibility, analysis functions, data control and documentation. This way, other important physical climate parameters such as dew point temperature, critical dew point, absolute or specific humidity can be calculated and displayed based on the data determined by the measuring device and transferred to the app. Normally, only substantially more expensive measuring devices can achieve that. Compare the determined data directly on your mobile terminal device or use the measured values for differentiated analyses.

Due to the real-time determination of all important climate parameters, all issues evolving around the building climate control can quickly and easily be investigated using the BC21WP. Useful features such as the logging function, chart representation of the measurement data or their export to a secondary analysis software as well as the report generation function permit the BC21WP's universal application, i.a. for the planning, measuring and performance control of air-conditioning and ventilation systems.



A few practical benefits

- 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
- Variety of further measuring and analysis functions
- Practice-optimized German industrial design – protected design patent



Technical data

Article number		3.510.206.006
Air temperature	Measuring range	-20 °C up to 60 °C / -4 °F up to 140 °F
	Accuracy	±0,8 °C (at -20 °C up to 0 °C) ±0,5 °C (at 0 °C up to 60 °C)
	Resolution	0,1 °C / 0,1 °F
Humidity	Measuring range	0 % RH up to 100 % RH (specified 5 % RH up to 95 % RH)
	Accuracy	±3,5 % RH (at 20 % up to 80 % RH) ±5 % RH (at 0 % up to 20 % RH) ±5 % RH (at 80 % up to 100 % RH)
	Resolution	0,1 % RH
Functions	Battery status indication, Minimum value display, Maximum value display, Average value display, Hold function, Automatic switch-off, Indication of dew point, critical dew point, absolute humidity [g/m³], specific humidity [g/kg], Alarm function, Long-term measurement function, Representation of measurement data as chart or table, Data export, Report generation function	
Data interface	Bluetooth 4.0	
Power supply	3 x 1,5 V, AAA	
Dimensions	22 mm x 32 mm x 226 mm	
Weight	180 g	
Scope of delivery	Measuring device, Battery(-ies), Wrist strap, Operating manual	