# BC21 Thermohygrometer

## Precise, pocket-sized climate measuring device

**TROTEC AT WORK.**

**NEW**

### BENEFITS IN PRACTICE:

Development, design, production 100 % Trotec

Measurement of diverse climate data with only one device: relative humidity, air temperature, dew point and wet-bulb temperature

Optimum value-for-money ratio

Dual display for parallel presentation of additional measured values

Maximum or minimum value and hold function

Rapid response time

Soft-touch function keys

Simple single-handed operation

Backlit display

Automatic switch-off

Robust design

Tried and tested German industrial design – protected prototype

High-quality sensor technology and numerous measuring functions make the BC21 the ideal climate measuring device for workshop, hobby and household applications:

The relation of humidity and temperature is decisive for ideal climate conditions in living, work or storage spaces. Prevailing feel-good climate? Risk of mould growth or rust?

Due to the integrated dew point temperature measurement, all issues evolving around the building climate control can quickly and easily be investigated using the BC21.

With its impact-proof and rigid stainless steel probe the robust construction cuts a remarkably fine figure even in the rough everyday usage of ventilation and air-conditioning technicians – the additional function for measuring the wet-bulb temperature also enables a universal application of the BC21 in planning, measuring and performance control of air-conditioning and ventilation systems.

| Technical data | | BC21 Thermohygrometer |
|---|---|---|
| Article number | | 3.510.205.006 |
| Air temperature | Measuring range | -30 °C to +100 °C (-22 °F to +199 °F) |
| | Resolution | 0.1 °C (0.1 °F) |
| | Accuracy | ± 1 °C (± 1.5 °F) |
| Humidity | Measuring range | 0 to 100 % RH (specified 5 to 95 % RH) |
| | Resolution | 0.1% RH |
| | Accuracy | ±2 % RH (at 25 °C and 5 to 95 % RH) |
| Dew point temperature | Measuring range | -30 °C to +100 °C (-22 °F to +199 °F) |
| | Resolution | 0.1 °C (0.1 °F) |
| | Accuracy | ± 1 °C (± 1.5 °F) |
| Wet-bulb temperature | Measuring range | 0 °C to +80 °C (+32 °F to +176 °F) |
| | Resolution | 0.1 °C (0.1 °F) |
| | Accuracy | ± 1 °C (± 1.5 °F) |
| Functions | | Maximum and minimum value display, hold function, temperature display in °C and °F, display illumination, automatic switch-off |
| Dimensions | | 225 x 54 x 32 mm |
| Weight | | Approx. 200 g (incl. battery) |
| Scope of delivery | | Measuring device, battery, storage case, operating manual |