BC21 THERMOHYGROMETER

Accurate, pocket-sized climate measuring device

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.

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*

- *Optimum price-performance-ratio*

- *Dual display for parallel presentation of measured values*

- *Maximum or minimum value and hold function*

- *Rapid response time*

- *Soft-touch function keys*

- *Easy, one-hand operation*

- *Backlit display*

- *Automatic switch-off*

- *Robust construction*

- *Practice-optimized German industrial design - protected design patent*

TECHNICAL DATA		
General information		
	Article number	3.510.205.006
Air temperature [°C]		
	Min. measuring range [°C]	-30
	Max. measuring range [°C]	100
	Resolution [°C]	0.01
	Accuracy ± [°C]	1
Air temperature [°F]		
	Min. measuring range [°F]	-22
	Max. measuring range [°F]	199
	Resolution [°F]	0.01
	Accuracy ± [°F]	1.5
Relative humidity (%)		
	Min. measuring range [%]	0
	Max. measuring range [%]	100
	Min. measuring range | Specified [%]	5
	Max. measuring range | Specified [%]	95
	Resolution [%]	0.01
	Accuracy 25 °C - 5 % - 95 % [%]	2
Dew point temperature [°C]		
	Min. measuring range [°C]	-30
	Max. measuring range [°C]	100
	Resolution [°C]	0.01
	Accuracy ± [°C]	1
Dew point temperature [°F]		
	Min. measuring range [°F]	-22
	Max. measuring range [°F]	199
	Resolution [°F]	0.01
	Accuracy ± [°F]	1.5

TECHNICAL DATA		
Wet-bulb temperature [°C]		
	Min. measuring range [°C]	0
	Max. measuring range [°C]	80
	Resolution [°C]	0.01
	Accuracy ± [°C]	1
Wet-bulb temperature [°F]		
	Min. measuring range [°F]	32
	Max. measuring range [°F]	176
	Resolution [°F]	0.01
	Accuracy ± [°F]	1.5
Display		
	LCD	
	Monochrome	
Device control		
	Push buttons	
Housing design		
	Plastics	
Power supply		
	External (power adapter)	
	Internal (battery)	1 x 9 V battery
Ambient conditions		
	Operation - min. temperature [°C]	0
	Operation - max. temperature [°C]	40
	Operation approx. - max. relative humidity (non-condensing) [%]	80
	Storage - min. temperature [°C]	-10
	Storage - max. temperature [°C]	60
	Storage - max. relative humidity (non-condensing) [%]	80
Dimensions		

TECHNICAL DATA

Length (packaging excluded) [mm]		225
Width (packaging excluded) [mm]		32
Height (packaging excluded) [mm]		54
Weight		
(packaging excluded) [kg]		0.2