

BC06 THERMOHYGROMETER

Mobile climate measurement made easy



Whether for climate measurement in living, office, production or storage spaces, in laboratories, agriculture or at the florist's – owing to the combination of easy single-handed operation and precise measuring technology, the BC06 provides exact measured values of temperature and relative humidity of the ambient air in a matter of seconds.

A few practical benefits:

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- *Development, design, production: 100 % Trotec*
 - *Measurement of relative humidity and air temperature with one device: Relative humidity, air temperature, dewpoint and wetbulb temperature*
 - *Excellent price-performance-ratio*
 - *Dual display for parallel presentation of measured values*
 - *Maximum or minimum value and hold function*
 - *Easy, one-hand operation*
 - *Sensor controlled display lighting in low light*
 - *Automatic switch-off*
 - *Tripod socket*
 - *Practice-optimized German industrial design - protected design patent*
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TECHNICAL DATA

General information

Article number	3.510.205.005
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Air temperature [°C]

Min. measuring range [°C]	-20
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Max. measuring range [°C]	60
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Resolution [°C]	0.1
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Accuracy ± -20 °C - 0 °C [°C]	2
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Accuracy ± 0 °C - 40 °C [°C]	1
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Accuracy ± 40 °C - 60 °C [°C]	2
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Air temperature [°F]

Min. measuring range [°F]	-4
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Max. measuring range [°F]	140
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Resolution [°F]	0.1
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Accuracy ± [°F]	1.5
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Relative humidity (%)

Min. measuring range [%]	0
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Max. measuring range [%]	100
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Resolution [%]	0.1
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Accuracy 20 °C - 80 °C [%]	3.5
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Accuracy 0 °C - 20 °C [%]	5
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Accuracy 80 °C - 100 °C [%]	5
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Dew point temperature [°C]

Min. measuring range [°C]	0
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Max. measuring range [°C]	50
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Resolution [°C]	0.1
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Accuracy ± [°C]	2
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Dew point temperature [°F]

Min. measuring range [°F]	32
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Max. measuring range [°F]	122
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TECHNICAL DATA

	Resolution [°F]	0.1
	Accuracy ± [°F]	3.6

Wet-bulb temperature [°C]

	Min. measuring range [°C]	0
	Max. measuring range [°C]	50
	Resolution [°C]	0.1
	Accuracy ± [°C]	2

Wet-bulb temperature [°F]

	Min. measuring range [°F]	32
	Max. measuring range [°F]	122
	Resolution [°F]	0.1
	Accuracy ± [°F]	3.6

Display

	LCD
	Monochrome

Device control

	Push buttons
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Housing design

	Plastics
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Power supply

	External (power adapter)	
	Internal (battery)	1 x 9 V battery

Ambient conditions

	Operation - min. temperature [°C]	0
	Operation - max. temperature [°C]	50
	Operation approx. - max. relative humidity (non-condensing) [%]	80
	Storage - min. temperature [°C]	-40
	Storage - max. temperature [°C]	85
	Storage - max. relative humidity (non-condensing)	99

TECHNICAL DATA

[%]

Dimensions

Length (packaging excluded) [mm]	146
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Width (packaging excluded) [mm]	34
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Height (packaging excluded) [mm]	56
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Weight

(packaging excluded) [kg]	0.145
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