

Measuring devices
with high
resolution display

(e)XC(lusiv) Series

XC200



- Two lines color display with large digits
- Accurate measurement of temperature and relative humidity
- Calculation of dew point temperature of the ambient air
- Calculation of mixed ratio
- Display of MAX, MIN, HOLD, AVG and ACT, easily selectable
- Easy-to-use touch operations (capacitive)
- USB interface for SmartGraph3 software
- Easy to use
- Calibration certificate

Hand-held measuring device XC200 for measuring temperature and humidity

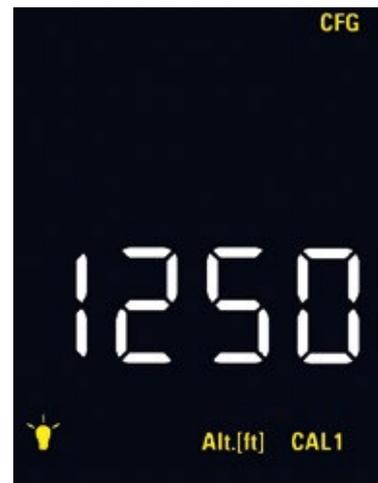


The powerful and compact handheld device with state-of-the-art and robust design. Excellent accuracy. The high-resolution color screen displays rel. humidity, temperature and dew point. Excellent readability. The calibration function (offset correction) guarantees the long-term use without compromising the accuracy.

Hand-held measuring device XC200		Order No.
Excellent accuracy of temperature and relative humidity. Display of calculations and statistical functions. Adjustment of local pressure and local height possible. Calibration function and offset correction. Including a calibration certificate. USB interface with SmartGraph3 software.		5700.00
Technical data	Dimensions	170x60x35 mm
	Weight	Approx. 250g
	Temperature Sensor	NTC
	Measurement range	-20...50°C
	Accuracy	± 0.2°C (0...40°C) otherwise ± 0.4°C
	Resolution	0.1°C
	Humidity Sensor	Capacitive
	Measurement range	0...100% RH
	Accuracy	± 2% RH
	Resolution	0.1% RH
Calculations	Dew point temperature °C or °F Absolute humidity g/m ³ Mixed ratio g/kg or gr/lb	
	Functions	Statistical calculations MAX, MIN, HOLD, AVG, ACT, Temperature correction and humidity correction factors (offset) Power saving functions
Storage conditions	Permitted ambient temperature	-20...60°C
	Permitted rel. humidity	<95% RH non-condensing
Operating conditions	Permitted ambient temperature	-20°C...50°C
	Permitted rel. humidity	<90% RH
	Permitted altitude above sea level	3000m
Power supply	Power consumption	5.5V ± 10% DC, max 200mA
	Active power consumption	Approx. 70mA
	Passive power consumption	Approx. 40µA
	Battery life	Approx. 24h (2.6Ah battery capacity)
Warranty	12 months	
Accessories	Case for hand-held-measuring device	5800.BAG
	Stainless steel sinter filter	5120.212



Customized measurement display



Altitude configuration



Hold function