

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

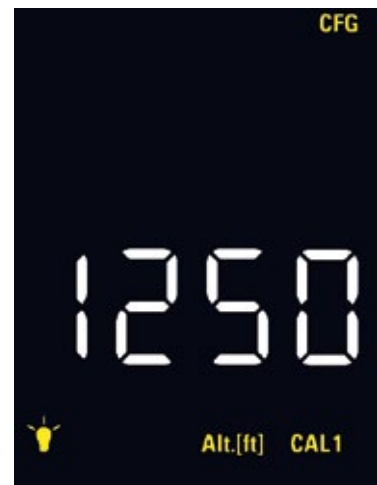


The powerful and compact handheld device with state-of-the-art and robust design. Excellent accuracy. The high-resolution color screen displays rel. humidity, temperature and dew point. Excellent readability. The calibration function (offset correction) guarantees the long-term use without compromising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

Hand-held measuring device XC200		Order No.
<b>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.</b>		5700.00
<b>Technical data</b>	Dimensions	170x60x35 mm
	Weight	Approx. 250g
	<b>Temperature Sensor</b>	NTC
	Measurement range	-20...50°C
	Accuracy	± 0.2°C (0...40°C) otherwise ± 0.4°C
	Resolution	0.1°C
	<b>Humidity Sensor</b>	Capacitive
	Measurement range	0...100% RH
	Accuracy	± 2% RH
	Resolution	0.1% RH
Calculations	Dew point temperature °C or °F Absolute humidity g/m <sup>3</sup> 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	
<b>Storage conditions</b>	Permitted ambient temperature	-20...60°C
	Permitted rel. humidity	<95% RH non-condensing
<b>Operating conditions</b>	Permitted ambient temperature	-20°C...50°C
	Permitted rel. humidity	<90% RH
	Permitted altitude above sea level	3000m
<b>Power supply</b>	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)
<b>Warranty</b>	12 months	
<b>Accessories</b>	Case for hand-held-measuring device	5800.BAG
	Stainless steel sinter filter	5120.212



Customized measurement display



Altitude configuration



Hold function