

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

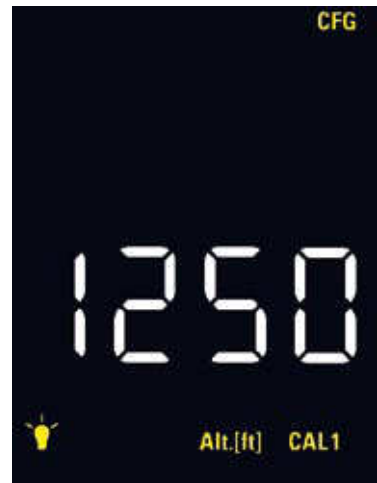


The powerful and compact handheld device with state-of-the-art and robust design. Excellent accuracy. The high-resolution color screen displays rel. humidity, temperature and dew point. Excellent readability. The calibration function (offset correction) guarantees the long-term use without compromising 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<br>Absolute humidity g/m3<br>Mixed ratio g/kg or gr/lb |  |
|  | Functions   | Statistical calculations MAX, MIN, HOLD, AVG, ACT, Temperature correction and humidity correction factors (offset)<br>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   |  |



Customized measurement display



Altitude configuration



Hold function