

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

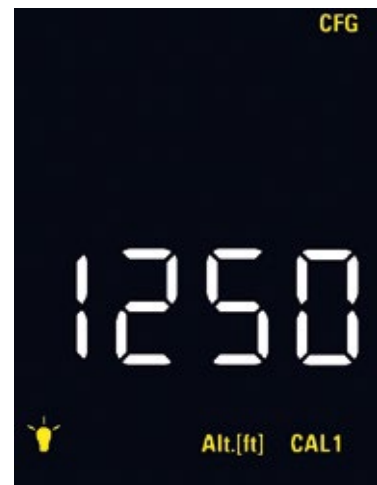


The powerful and compact handheld device with state-of-the-art and robust design. Excellent accuracy. The high-resolution color screen displays rel. humidity, temperature and dew point. Excellent readability. The calibration function (offset correction) guarantees the long-term use without compromising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