Technical Data

Handheld measuring device XP100 - discontinued



High-precision handheld device for PT100 temperature sensors.

- **Parameters measured**
  Temperature / PT100 sensor

- **Measurement technology**
  Various - thus exchangable sensors

- **Product highlights**
  Precise and flexible all-rounder handheld instrument, easy to handle and robust, sensor connection with automatic recognition, saves measuring campaignes, allows all climate data to be calculated and archieved, evaluation software SmartGraph3 included

- **Interfaces**
  USB (Cable and SmartGraph3 software included)

- **Article number**
  5810.00

Suitable for measuring tasks requiring a high degree of precision. Mini USB port with software and online data collection. 25 languages available, accuracy is 0.01°C across the full measuring range. Solely for use with PT100 sensors.

IMPORTANT: XP100 Handheld Device is discontinued

General	
Dimensions	170 x 62 x 34 mm

Weight	Approx. 205 g

Storage conditions	
Permissible ambient temperature	-20...60 °C
Operating rel. humidity	<90 % RH non - condensing

Operating conditions	
Operating rel. humidity	<90 % RH (20 g/m3) non - condensing
Admissible height above absolute altitude	4000 m

Power supply	
Power supply	4 Alkaline LR6 AA 1.5 V/USB 5 V
Active power consumption	Approx. 400 mW
Battery life passive	Approx. 1 year
Battery life active	Min. 24 hours
Sensor power supply	5.5 V ± 10 % DC, max. 200 mA

Data storage	
Integrated data storage	Up to 200 gauges taking approx. 1 mill. values

Interface	
USB	Cable and SmartGraph3 software included in delivery

Display	
Defi nition of measured values	3 decimal places

Display	
Control	Touch screen, capacitive
Technology	TFT, resolution 240 x 320, 65 k colours, very good contrast due to Piezoresistive technology
Surface, toughened glass	Degree of hardness: 7, scratch - resistant