



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













Technical Data

Handheld measuring device XP100 - discontinued



Weight	Approx. 205 g	

Storage conditions	
Permissible ambient temperature	-2060 °C
Operating rel. humidity	<90 % RH non - condensing

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

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











