



Recording of temperature courses (Software Order No. 5090-0013)



Storage case (Order No. 5600-0016)



Fast surface measurements on plastic toolings (Probe 6910-0014)



Clamp probe for measurements on pipes (Probe 6910-0024)



**Application profile**

Particularly handy and robust temperature instruments, for Pt100- or thermocouple-probes. – The high precision is exceptionally in this price segment.

**Product feature P310**

- Display backlight
- MAX, MIN-function
- Integrated sensor holder for one hand operation
- RS232-interface
- Storing of 16 measuring values

**Product feature P400**

- 4-wire technology for Pt100
- MAX, MIN-Hold-function
- Calibration function
- Integrated sensor holder for one hand operation
- RS232-interface
- Storing of 16 measuring values

**Product feature P410**

- MAX, MIN-Hold-function
- Calibration function
- Integrated sensor holder for one hand operation
- RS232-interface
- Storing of 16 measuring values



incl. RS232-interface



P310/P410 with plug for type K standard miniature connector

**Order No.** 5000-1315  
(only instrument)

**P310** only instrument

**Order No.** 5000-0400  
(only instrument)

**P400** only instrument

**Order No.** 5000-0410  
(only instrument)

**P410** only instrument

**Technical Data**

	P310	P410	P400
<b>Inputs</b>	Thermocouple type K(NiCr-Ni)	Thermocouple type K(NiCr-Ni)	Pt100, 4-wire
<b>Measuring range</b>	-99.9°C...+1100°C	-99.9°C...+1370°C	-99.9°C...+850°C
<b>Accuracy</b> (±1 digit)	±1°C +0,5% of Reading (Instrument only)	±0,5°C (Instrument only)	±0,3°C (Instrument only)
<b>Resolution</b>	0,1°C from -99,9°C...+299,9°C, otherwise 1°C	0,1°C from -99,9°C...+399,9°C, otherwise 1°C	0,1°C from -99,9°C...+399,9°C, otherwise 1°C
<b>Memory</b>	16 Measurements	16 Measurements	16 Measurement
<b>Connectors</b>	Miniature connector	Miniature connector	DIN 45326 8-pole
<b>Working temperature</b>	0°C...+50°C	0°C...+50°C	0°C...+50°C
<b>Display</b>	1-Line LCD	1-Line LCD	1-Line LCD
<b>Housing</b>	plastic (ABS)	plastic (ABS)	plastic (ABS)
<b>Dimensions</b>	130 x 65 x 25 mm (LxWxH)	130 x 65 x 25 mm (LxWxH)	130 x 65 x 25 mm (LxWxH)
<b>Weight</b>	240 g	240 g	240 g
<b>Power supply</b>	2 x 1,5 Volt AA	2 x 1,5 Volt AA	2 x 1,5 Volt AA
<b>Battery life</b>	appr. 400 h	appr. 200 h	appr. 200 h

**Order No. without probes**

Typ	Description	Order No.
P310	Type K, -99,9°C...+1100°C, RS232	<b>5000-1315</b>
P410	Type K, -99,9°C...+1370°C, RS232	<b>5000-0410</b>
P400	Pt100, -99,9°C...+850°C, RS232	<b>5000-0400</b>