

# PORTABLE DIGITAL THERMOMETER

for pt100 / pt1000 sensors and thermocouples



Measuring ranges -100°C bis +1370°C depends on sensor

LCD-display



For accurate measurements over a very large temperature range. A large number of Pt100/Pt1000 sensors and thermocouple sensors are available for the digital thermometer.

The preparation of specific probes is possible.

Type	7080	Options
<b>Input</b> <b>Measuring ranges</b>	Thermocouple type K -200 °C ... +1370 °C Thermocouple type T -200 °C ... + 400 °C Thermocouple type J -200 °C ... +1200 °C Thermocouple type S 0 °C ... +1760 °C Pt100, 4-wire -200 °C ... + 830 °C Pt1000, 3-wire - 50 °C ... + 400 °C	others on request
<b>Resolution</b>	0,1 °C / 1 °C ; can be configured via software	
<b>Accuracy</b>	0,5 % FS	
<b>Operating temperature range</b>	0 °C ... + 60 °C	
<b>Power supply sampling rate</b>	9 Volt battery, 6F22, sampling rate max. 4/s	
<b>Battery operation time</b>	< 500 h at 1/s	
<b>Features</b>	Maximum, Minimum, Hold	
<b>Connector</b>	Miniatur thermocouple socket Pt100 Binder 719 4-wire Pt1000 Binder 719 3-wire	
<b>Interface</b>	RS232 / USB	
<b>Software</b>	interface cable and evaluation software must be purchased as optional extras	