

# DIGITAL HAND THERMOMETER

with LCD display  
different versions for different ranges of application



For exact measurements in a wide range of temperatures.

A large selection of Pt100 / Pt1000 and thermocouple sensors is available.

Custom-made products are possible.

Type	7070	7080	7090
			
<b>Input / measuring range</b>	Pt100 firmly attached -20°C...+110°C	Thermocouple Typ K T -200°C...+1370°C Thermocouple Typ T -200°C... +400°C Thermocouple Typ J -200°C...+1200°C Thermocouple Typ S 0°C ...+1760°C Pt100, 4-wire-circuit -200°C... +830°C Pt1000, 3-wire-circuit -50°C... +400°C	Thermocouple Typ K NiCr-Ni -100°C...+1370°C
<b>LC-Display</b>	4-digit Digit height 11 mm		3¼ digit, Digit height 12,7 mm
<b>Resolution</b>	0,01°C	0,1°C / 1°C , adjustable via software	1°C
<b>Accuracy</b>	±0,03°C ±1 Digit	0,5 % FS	-100... -50°C 1% FS -50...1100°C 0,5% FS 1100...1350°C 3% FS
<b>Operating temperature range</b>	0°C...+70°C	0°C...+60°C	0°C...+50°C
<b>Power supply</b>	9 Volt block 6F22	9 Volt block 6F22	9 Volt block 6F22
<b>Battery life</b>	> 500 h at measuring rate 1/s	< 500 h bei 1/s at measuring rate max. 4/s	ca. 2000 h
<b>Case material</b>	Plastic	Plastic	Plastic
<b>Dimensions</b>	60 x 120 x 26 mm		123 x 72,5 x 27,5 mm
<b>Functions</b>	Maximum, Minimum, Hold	Maximum, Minimum, Hold	
<b>Interface</b>	RS232 / USB	RS232 / USB	
<b>Software</b>	Cable and software separately available	Cable and software separately available	