

# Handheld temperature measuring instruments TM6 / TM8-IR



**TM6**

**Application** For temperature measurement of surfaces, liquids, soft plastic media or in air and gases.

**Description** Handy, robust electronic thermometer with intuitive operation. The instrument features a min./max. and hold function and a memory for 19 measured values. In addition, it is possible to correct measured values, for example to compensate for probe tolerances (1 point cal function). Short response time for measurements at cycles of a second. With standard connector for all NiCr-Ni probes (type K).

## Technical specifications

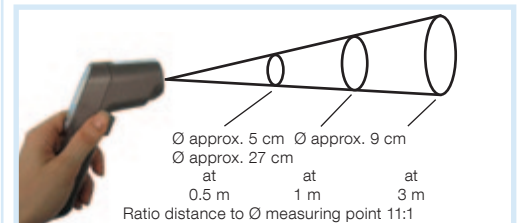
<b>Measuring range</b>	-99.9/+1,370 °C
<b>Resolution</b>	0.1 °C from -99.9/+299.9 °C
<b>Accuracy</b>	± 0.5 °C ± 1 digit
<b>Operating temperature range</b>	Ambient/storage: 0/+50 °C
<b>Hours of operation</b>	200 hours
<b>Weight</b>	240 g
<b>Dimensions</b>	W x H x D 65 x 130 x 25 mm
<b>Display</b>	LCD, 1 line W x H: 42 x 21 mm
<b>Supply voltage</b>	2 x 1.5 V AA batteries



**TM8-IR**

For temperature measurements of surfaces and for measurements of moving parts (e.g. paper reels, tyres) or live parts (e.g. electrical assemblies, transformers). Ideal for applications in the food industry.

Non-contact infrared thermometer with laser aim and large, backlit LC display. Hold function for measured values. TM8-IR excels with an extremely short response time (< 1 s). Scope of delivery includes robust protective pocket to protect against dirt. An optional NiCr-Ni thermocouple can be connected.



<b>Measuring range</b>	Infrared: -33/+500 °C Thermocouple: -64/+1,400 °C
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<b>Accuracy</b>	Infrared: ± 2 °C Thermocouple: ± 1 °C
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<b>Operating temperature range</b>	Ambient: 0/50 °C Storage: -20 °C/+65 °C
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<b>Hours of operation</b>	140 hours
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<b>Weight</b>	180 g
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<b>Dimensions</b>	W x H x D 39 x 175 x 80 mm
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<b>Display</b>	LCD, W x H: 25 x 24 mm
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<b>Supply voltage</b>	2 x 1.5 V AAA batteries
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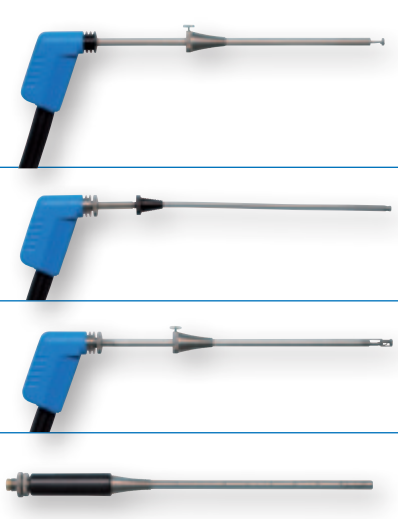


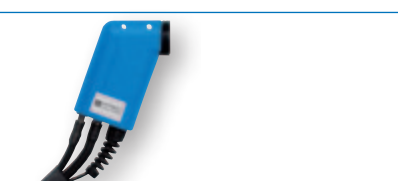


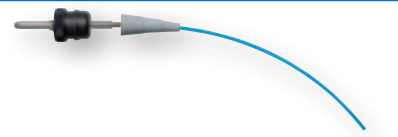

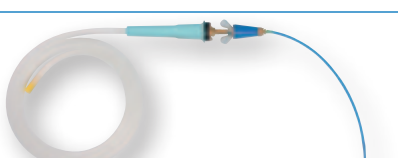
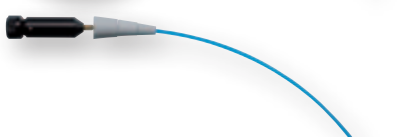



See page 553 for temperature probes.

DG:	Part no.	Price €
TM6	70038	

DG:	Part no.	Price €
TM8-IR	70039	

# Probes for EUROLYZER ST / STe and MULTILYZER NG

DG: H	Part	Description	Part no.	Price €
	<b>Individual probes</b>	<b>Flue gas combination probe standard</b>	300 mm, without draft connection, without condensate filter cartridge	<b>69399</b>
			170 mm, without draft connection, without condensate filter cartridge	<b>69482</b>
			300 mm, with draft connection, without condensate filter cartridge	<b>69387</b>
		<b>Flue gas combination probe flexible</b>	With draft connection, without condensate filter cartridge	<b>69122</b>
	<b>Flue gas combination probe exclusive</b>	With removable plug-on pipe and draft connection, without condensate filter cartridge	<b>69437</b>	
	<b>Multi-hole probe</b> can be plugged onto flue gas probe exclusive	Length-adjustable from 0–190 mm, without condensate filter cartridge	<b>69422</b>	
<b>Modular probe system</b>				
	<b>Base handle for interchangeable probes</b>	With compensation line and draft connection, without condensate filter cartridge	<b>70072</b>	
	<b>Interchangeable probe</b> suitable for base handle	100 mm, Ø 8 mm	<b>70084</b>	
		180 mm, Ø 8 mm	<b>70073</b>	
		300 mm, Ø 8 mm	<b>70074</b>	
		500 mm, Ø 8 mm	70075	
		750 mm, Ø 8 mm	70076	
		1,000 mm, Ø 8 mm	70077	
		1,500 mm, Ø 8 mm	70078	
	<b>Multi-hole probe</b> suitable for base handle	Length-adjustable 60–170 mm, Ø 8 mm	<b>70080</b>	
	<b>Annular gap probe</b>	For measuring CO and O <sub>2</sub> concentrations in the annular gap of double-walled chimneys of gas furnaces	<b>70083</b>	
	<b>Flexible probe</b>	400 mm, Ø 9 mm	<b>70079</b>	
<b>Universal plug-in units</b>				
	<b>Annular gap probe</b>	2 m hose length with connection piece	<b>69392</b>	
	<b>Annular gap probe</b>	Universal, can be plugged onto all flue gas probes	<b>70082</b>	
	<b>Multi-hole probe</b> with connection fitting	Length-adjustable 60–250 mm, without condensate filter cartridge	<b>69580A</b>	