

Measuring instruments for temperature and temperature/moisture TM



TM 6

- + Short response time for measurements at cycles of a second
- + Min./max. and Hold function
- + Memory for 19 measured values
- + 1 point Cal function: Correction of measured values, e.g. for compensation of probe tolerances
- + Standard connector type K for all NiCr-Ni probes

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

Technical specifications **Measuring range** -99.9/+1,370 °C

Resolution 0.1 °C from -99.9/+299.9 °C

Accuracy ± 0.5 °C ± 1 digit

Operating temperature range Ambient/storage: 0/50 °C

Hours of operation 200 hours

Weight 240 g

Dimensions W x H x D 65 x 130 x 25 mm

Display LCD, 1 line
W x H: 42 x 21 mm

Supply voltage 2 x 1.5 V AA batteries

Scope of delivery Measuring instrument with batteries



TM 8-IR

- + Non-contact temperature measurement
- + Backlit LC display
- + Hold function for measured values
- + Short response time (< 1 s) for measurements at cycles of a second
- + Ratio distance to Ø measuring point 11:1

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.

Measuring range
Infrared: -33/+500 °C (ratio 11:1)
Thermocouple: -64/+1400 °C

Accuracy
Infrared: ± 2 °C
Thermocouple: ± 1 °C

Operating temperature range
Ambient: 0/50 °C
Storage: -20/+65 °C

Hours of operation 140 hours

Weight 180 g

Dimensions W x H x D 39 x 175 x 80 mm

Display LCD, W x H: 25 x 24 mm

Supply voltage 2 x 1.5 V AAA batteries

Scope of delivery Measuring instrument with protective pocket and batteries

















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i See chapter 7 for accessories.






DG: H, PG: 4	Part no.	Price €
Temperature measuring instrument TM 6	570038	
Temperature measuring instrument TM 8-IR	570039	



Temperature probes for BlueLine series

DG: H, PG: 4	Part	Description	BLUELYZER ST	EUROLYZER STX	MULTILYZER Ste/STX	MFM 22	TM 6 / TM 7 / TMD 7 / TMD 9	CAPBS®	Suitable for	Part no.	Price €
Temperature probes TFB											
	Insertion probe TFB-ES 600		•	•	•	•	•	•		569868	
	Air, gas, liquid probe TFB-LGF 900		•	•	•	•	•	•		569867	
	Surface probe TFB-OF 450		•	•	•	•	•	•		569866	
	HT probe TFB-HT 1150-1	700 mm	•	•	•	•	•	•		569853	
	HT probe TFB-HT 1150-2	1,000 mm	•	•	•	•	•	•		569854	
	Combustion air probe	TFB-VL 600-1 , 200 mm	•	•	•	•	•	•		500147	
		TFB-VL 600-2 , 290 mm	•	•	•	•	•	•		500147.2	
	Combustion air probe TFB-VL 100 M	With magnetic holder	•	•	•	•	•	•		500141	
	Combustion air probe TFB-VL 100 MG	With magnetic holder and rubber cone	•	•	•	•	•	•		500141.1	
	Surface probe TFB-OF 120	Temperature -40/+120°C	•	•	•	•	•	•		522991	
	Ambient air probe	TFB-UL 50-1	•	•	•	•	•	•		521844	
		TFB-UL 50-2 for MAXILYZER	•	•	•	•	•	•		500129	
 	Clamp probe TFB-ZF 120	Temperature -40/+120°C	•	•	•	•	•	•		511098	
 	Plug socket	yellow, 8 mm	•	•	•					522171	
 	Plug socket	blue, 7 mm	•	•	•					522172	

Clamping cones for the BlueLine series

DG: H, PG: 4	Part	Description	Part no.	Price €
	Cones for probes	Clamping cone KLK-P 50	Made of PDM, hole Ø 5.0 mm, suitable for combustion air probe	522221
		Clamping cone KLK-T 80	Made of Teflon, hole Ø 8.0 mm, suitable for flue gas combination probe	521637
		Clamping cone KLK-E 80	Made of stainless steel, hole Ø 8.0 mm, suitable for flue gas combination probe	520588
		Clamping cone KLK-E 88	Made of stainless steel, hole Ø 8.8 mm, suitable for EP-Check	522918
		Rubber cones KLK-G	Made of rubber, set of 3, Ø 5.0 mm, suitable for combustion air probe	568981