

Temperature measuring instrument

TM 7 / TMD 7



Also available as CAPBs®

- + Short response time for measurements at cycles of a second
- + Large, lit LC display for simultaneous indication of two measured values
- + Hold function for measured values
- + Fast determination of differential temperature (TMD 7)
- + Automatic segment test when program starts
- + Magnet in protective housing for hands-free operation
- + Robust protective housing against dirt, impact and shock



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

Technical specifications

Model	Measuring range	Resolution	Accuracy (% of measured value)
TM 7	-50/+1,100 °C	0.1 °C (-50.0/+99.9 °C)	3.0 % ± 2.0 K (-50.0 to 0 °C) 0.5 % ± 0.5 K (0 to 99.9 °C)
		1 °C (100/1,100 °C)	0.5 % ± 1 K (100 to 1,100 °C)
TMD 7	-50/+1,100 °C	0.1 °C (-50.0/+99.9 °C)	3.0 % ± 2.0 K (-50.0 to 0 °C) 0.5 % ± 0.5 K (0 to 99.9 °C)
		1 °C (100/1,100 °C)	0.5 % ± 1 K (100 to 1,100 °C)

Operating temperature range

Ambient: 0/50 °C

Storage: -10/+50 °C

Hours of operation

100 hours

Weight

Approx. 250 g

Dimensions

W x H x D 66 x 143 x 37 mm

Display

LCD, transfective

W x H: 46 x 48 mm

Indication of measured values

°C or °F

Probe connection

TM 7: 1 x socket for thermocouple

TMD 7: 2 x socket for thermocouple

Supply voltage

2 x 1.5 V Mignon (AA) batteries

Approvals

BlmSchV, EN 50379-2

Scope of delivery

Measuring instrument with batteries, protective sleeve with magnet



See chapter 7 for accessories.

DG: H, PG: 4	Part no.	Price €
Temperature measuring instrument TM 7	570056	
Temperature measuring instrument TMD 7	570057	

