

# 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	

