

Application

The ThermoPen is a fast, accurate pocket thermometer with an integrated surface probe. Typical application is temperatures measuring on hard surfaces such as bearings, bearing housings, pumps, compressors etc.

Description

The ThermoPen is available in one version with changeable Celsius or Fahrenheit indication. It has a memory function for the highest measured temperature. The thermometer will automatically switch off after 5 minutes. The ThermoPen is waterproof and drop resistant. It is supplied complete with battery and operating instructions. The probe tip has a "heavy-duty construction" and when not in use, is properly protected by the protective pouch.



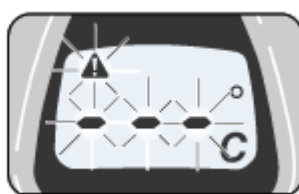
Technical data

Designation	TMTP 200
Temperature range	-40 to 200 °C (-40 to 392 °F)
Environmental limits	
Operation	0 to 50 °C (32 to 120 °F), 0 to 80% R.H.
Storage	-20 to 85 °C (-40 to 185 °F), 0 to 80% R.H.
Accuracy of electronics	≤ ± 0,5 °C (0.9 °F)
Response time	10 s
Resolution	1 °
Housing material	PC-ABS
Probe	K-type thermocouple (NiCr/NiAl)
Accuracy probe	≤ ± 1,5 °C (2.7 °F) (acc. DIN IEC 584 class 1)
Probe length	25 mm (1 in)
Dimensions	165 x 50 x 21 mm (6.5 x 2 x 0.8 in)
Weight (incl. battery)	95 g (0.2 lb)
Battery	3 x 1.5V AAA (LR003, AM 4, micro)
Battery lifetime	4 000 hours typical
Switch off	automatic after 5 minutes
Degree of protection	IP 65
Drop test	1 m. (39.4 in)

Display indications



Out of range



Broken probe connection



Low battery

