

## 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

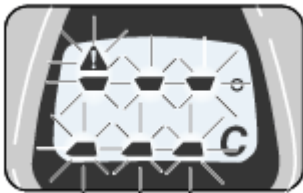
The ThermoPen is available in one version with changeable Celsius or Fahrenheit indication. It has a memory function for the highest measured temperature. The thermometer will automatically switch off after 5 minutes. The ThermoPen is waterproof and drop resistant. It is supplied complete with battery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



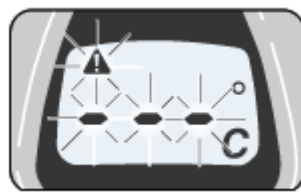
## Technical data

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

