



Temperature measuring instrument

benefits

- short response time for measurements at cycles of a second
- large TFT colour display (W x H: 45 x 60 mm) for simultaneous display of four measured values
- microSD card for system-independent storage of measurement logs (HTML format)
- data logger function for long-term measurement
- multifunctional use of temperature probes via type K socket
- three magnets in protective housing for hands-free operation



Application

For temperature measurement on surfaces, liquids, soft plastic media or in air and gases. Ideal also for differential temperature measurements, for example, flow and return temperature.

Technical Specifications

Measuring range

-50/+1150 °C

Resolution

0.1 °C

Accuracy

± 1 K (-50/+299.9 °C) + 1 Digit
(300/1100 °C) ± 1 % v. Mw.

Operating temperature range

Ambient: 0/40 °C

Storage: -20/+50 °C

Hours of operation (eco mode)

38 hours

Weight

154 g

Dimensions

W x H x D: 66 x 143 x 37 mm

Degree of protection

IP 42 (EN 60529)

Display

TFT colour display 2.8 "

W x H: 45 x 60 mm

Indication of measured values

°C or °F

Supply voltage

lithium-ion battery (3.6 V/1800 mAh)

power supply unit (mini USB)

Battery or mains

Data memory

microSD card

Data logger

1-999 seconds, interval freely selectable

Interfaces

Infrared,
Bluetooth®,
QR code generator,
microSD card slot

Approvals

EN 50379-1/-2