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