

Testo 946

Alarm and logger thermometer

"testo 946 monitors sites and documents temperatures during the production, storage, delivery or distribution of food products; with data available for food inspectors."

The advantages at a glance

- Product-related alarm values can be set (audible and optical alarm)
- Product/batch-related data storage and documentation
- Convenient data analysis on PC, RS232 interface (electrically isolated)
- Up to 99 product names can be saved in the instrument using a PC
- TopSafe, the protection case for your instrument, protects from dirt, water and is dishwasher-safe
- Mains connection and batt. recharging in instrument
- 4 line display
- Prints at the touch of a button
- Saves up to 3000 readings
- HOLD/MAX/MIN/Mean
- Channel 1: Type K/T/S probe Channel 2: Pt100/NTC probe



Technical data - testo 946

Storage temperature	-20.0...70.0 °C
Operation temperature	0.0...50.0 °C
Battery type	9V block battery
Battery life	45.0 h
Weight	255.0 g
Dimensions (BxLxH)	68.0 x 215.0 x 47.0 mm

Probe type (measuring value)	Measuring range		
NTC (Temperature)	-50.0 ... 150.0 °C	Accuracy	+/-0.5% of mv (-50.0 ... -25.1 °C) +/-0.2 °C (-25.0 ... 74.9 °C) +/-0.4 °C (75.0 ... 99.9 °C) +/-0.5% of mv (100.0 ... 150.0 °C)
		Resolution	+/-0.1 °C (-50.0 ... 150.0 °C)
NTC (Temperature)	-60.0 ... 300.0 °F	Accuracy	+/-0.5% of mv (-60.0 ... -0.41 °F) +/-0.2 °F (-0.4 ... 170.0 °F) +/-0.4 °F (170.1 ... 212.0 °F) +/-0.5% of mv (212.1 ... 300.0 °F)
		Resolution	+/-0.1 °F (-60.0 ... 300.0 °F)
Type T (Cu-CuNi) (Temperature)	-50.0 ... 400.0 °C	Accuracy	+/-0.3 °C (-50.0 ... 60.0 °C) +/-0.5% of mv (60.1 ... 400.0 °C)
		Resolution	+/-0.1 °C (-50.0 ... 400.0 °C)
Type T (Cu-CuNi) (Temperature)	-60.0 ... 750.0 °F	Accuracy	+/-0.3 °F (-60.0 ... 76.0 °F) +/-0.5% of mv (76.1 ... 750.0 °F)
		Resolution	+/-0.1 °F (-60.0 ... 750.0 °F)
Pt100 (Temperature)	-200.0 ... 800.0 °C	Accuracy	+/-0.2 °C (-200.0 ... 200.0 °C) +/-0.1% of mv (200.1 ... 800.0 °C)
		Resolution	+/-0.1 °C (-200.0 ... 800.0 °C)
Pt100 (Temperature)	-330.0 ... 1112.0 °F	Accuracy	+/-0.2 °F (-330.0 ... 389.9 °F) +/-0.1% of mv (390.0 ... 1112.0 °F)
		Resolution	+/-0.1 °F (-330.0 ... 1112.0 °F)

Examples of use



Monitors food when served in canteens

Quick temperature checks (screening tests) on food, e.g. in bakeries



Spot checks in refrigerators with quick documentation

Core temperature measurement when fresh meat is delivered

Monitors temperatures in trucks

Checks temperature during food production

Incoming goods check

UK / Europe / USA Office
Tel: +44 (0)8700 434040
Fax: +44 (0)8700 434045
E-mails - info@omniinstruments.co.uk
120-122 King Street ,Broughty Ferry,
Dundee, Scotland UK. DD5 1EW

Omni
instruments
Measurement > Control > Data Acquisition

Web Site: www.omniinstruments.co.uk

Australia / Asia Pacific Office
Tel +61 (0)894 888 960
Fax +61 (0)894 888 965
info@omniinstruments.com.au
PO Box 105, Leederville
Western Australia, 6902