PN PT100 PX Series

PT100 High Precision Portable Thermometer with UKAS Probe and Certificate

Ref : 2604
Rev : A

DESCRIPTION

This portable device is a high-precision PT100 thermometer (± 0.05 °C at 0°C) that comes with its 1/10 DIN interchangeable probe and certificate. The assembly thus makes up a complete UKAS certified measuring chain (COFRAC equivalent).
The associated probe is an immersion probe Ø3.3x130 mm with a flat tip.

Temperature range	-199.99 to 199.99 °C
Resolution	0.01 °C
Accuracy	± 0.05 °C at 0°C
Battery	3 x 1.5 Volts AAA
Battery lifespan	2000 hours
Sensor type	PT100
Display	LCD 10 mm screen
Size	25 x 56 x 128 mm
Construction material	ABS Plastic with Antibacterial additive Biomaster
Temperature scale	Celsius / Fahrenheit
Certification	Calibration certification included

TECHNICAL CHARACTERISTICS

FEATURES

USE OF THE DEVICE: Connect a probe via the jack on the top of the instrument. Screw the collar of the plug by squeezing by hand to ensure a secure connection (do not tighten too much). The instrument lights up by pressing the ON/OFF button. Apply the tip of the probe to the substance, medium or surface to be measured. The instrument reading may take a few seconds to stabilize, depending on the nature of the measurement and the sensitivity of the probe.

HOLD: Press the HOLD button to freeze the display. Press again to continue measuring.

MAX/MIN: Press the MAX/MIN button to display the value. The instrument retains max/min values when switched off. To reset, press the max/min button for 3 seconds, "rst" will be displayed.

AUTO-OFF: The default device will turn off automatically after 10 minutes. To disable auto-off, press the HOLD button while turning on the instrument (this setting is reset by default when the instrument is turned off).

OFFSET: Press the MAX/MIN and ON/OFF buttons at startup for 5 seconds to enter ("Offset" is displayed). Press HOLD (up) or MAX/MIN (bottom) to adjust the offset value (maximum of ± 2.00 °C). Press the ON/OFF button to save the value and exit Offset mode.

SENSORS: This instrument can only be used in combination with PT100 BS EN 60751 equipped with a suitable miniature socket.

CONTACT

MESUREX
13 Rue des Corroyés
78730 Saint Arnoult en Yvelines (France)

Tel :   +33 (0) 1 30 41 23 62
Mail : mesurex@mesurex.fr
Web : www.mesurex.fr