USER MANUAL

WATERPROOF FOLDING THERMOMETER

PCE-ST 161

ENGLISH



User manuals in various languages (français, italiano, español, português, nederlands, türk, polski) can be found via our product search on:
www.pce-instruments.com

INTRODUCTION

The thermometer is a waterproof folding thermometer which offers handy, practical and strong support when carrying out temperature measurements. The thermometer is ideally suited to core temperature measurement thanks to a robust metal folding joint and a long, stable measurement probe. The thermometer features IP67 class protection and can be used under all conditions. It can also be easily cleaned under running water and has a rubber-coated surface for non-slip handling. The thermometer has a large, illuminated dis play for easy and error-free viewing of measurement data under poor lighting conditions.

- Probe is suitable for various field test
- Solid metal surface
- Compact size
- IP67 waterproof

FEATURES

- Wide range -50°C ... +290°C (-58 °F ... +554 °F)
- High performance ± 0.5 °C (-30 °C ... + 120 °C)
- MAX, MIN, HOLD modes
- Automatic Power Off
- Compact 5.9“ size (15 cm)
- IP67 waterproof Protection
- Non-slip rubber coated surface
- Ideally suited to core temperature measurements
- Large, illuminated readout display
- HACCP approved

SPECIFICATION

Measurement unit	Temperature (°C/°F)
Sensor type	NTC
Measuring range	-50°C ... +290°C (-58°F ... +554°F)
Accuracy	-50°C ... -30°C ±1°C -30°C ... +120°C ±0.5°C +120°C ... +200°C ±1 °C +200°C ... +290°C ±2°C -58°F ... -22°F ±1.8°F -22°F ... +248°F ±0.9°F +248°F ... +392°F ±1.8°F +392°F ... +554°F ±3.6°F
Resolution	0.1°C (-50°C~199.9°C) 1°C (200°C ... 290°C) 0.1°F (-58°F ... 199.9°F) 1°F (200°F ... 554°F)

Operating temperature	0°C ... +60°C (32°F ... +140°F)
Storage temperature	-30°C ... +70°C (-22°F ... +158°F)
Battery type	2 x Battery Type AAA
Battery life	100h (typical)
Size (Probe folded out)	250x56x24.5mm
Display	LCD 1-line back light illuminated OL showed when over range
Response lime	1 ... 2 sec/test
Material/Housing	ABS/TPE/Stainless steel
Weight	163 g (include battery)

FRONT PANEL DESCRIPTION

- [On/off] switch: With fold ou/in probe (ca. 90°) to turn on/off the thermometer, To save battery life, the thermometer will automatically turn off after approximately 4 minutes with not operating
- [Min/Max] button: show the temperature of memory maximum (MAX) / minimum (MIN) value
- [°C/°F] button: switch temperature display unit
- [Hold] button: press this button once, **Hold** will appear on the display. To return to normal mode, press the button again.
  Pressing the [Hold] button then fold out the probe from power off status to cancel the auto power off function.

BATTERY REPLACEMENT

As battery power is not sufficient, LCD will display **low battery replacement with AAA.**
The battery is located under the caver at the rear of the thermometer. Open battery cover, then take out the battery from instrument and replace with two new AAA battery and place the battery caver back.

DISPOSAL

For the disposal of batteries in the EU, the (EU) 2023/1542 directive of the European Parliament applies. Due to the contained pollutants, batteries must not be disposed of as household waste. They must be given to collection points designed for that purpose. In order to comply with the EU directive 2012/19/EU we take our devices back. We either re-use them or give them to a recycling company which disposes of the devices in line with law. For countries outside the EU, batteries and devices should be disposed of in accordance with your local waste regulations. If you have any questions, please contact PCE Instruments.

PCE INSTRUMENTS CONTACT INFORMATION

Germany
PCE Deutschland GmbH
Im Langel 26
D-59872 Meschede
Deutschland
Tel.: +49 (0) 2903 976 99 0
Fax: +49 (0) 2903 976 99 29
info@pce-instruments.com
www.pce-instruments.com/deutsch

France
PCE Instruments France EURL
2, rue Georges Kuhnmunch
67250 Soultz-sous-Forêts
France
Tel.: +33 (0) 972 35 37 17
Fax.: +33 (0) 972 35 37 18
info@pce-france.fr
www.pce-instruments.com/french

Spain
PCE Ibérica S.L.
Calle Mula, 8
02500 Tobarra (Albacete)
España
Tel. : +34 967 543 548
info@pce-iberica.es
www.pce-instruments.com/espanol

United Kingdom
PCE Instruments UK Ltd
Trafford House
Chester Rd, Old Trafford
Manchester M32 0RS
United Kingdom
Tel: +44 (0) 161 464902 0
Fax: +44 (0) 161 464902 9
info@pce-instruments.co.uk
www.pce-instruments.com/english

Italy
PCE Italia s.r.l.
Via Pesciatina 878 / B-Interno 6
55010 Loc. Gragnano
Capannori (Lucca)
Italia
Telefono: +39 0583 975 114
Fax: +39 0583 974 824
info@pce-italia.it
www.pce-instruments.com/italiano

Turkey
PCE Teknik Cihazları Ltd.Şti.
Halkalı Merkez Mah.
Pehlivan Sok. No.6/C
34303 Küçükçekmece - İstanbul
Türkiye
Tel: 0212 471 11 47
Faks: 0212 705 53 93
info@pce-cihazlari.com.tr
www.pce-instruments.com/turkish

The Netherlands
PCE Brookhuis B.V.
Twentepoort West 17
7609 RD Almelo
Nederland
Telefoon: +31 (0)53 737 01 92
info@pcebenelux.nl
www.pce-instruments.com/dutch

United States of America
PCE Americas Inc.
1201 Jupiter Park Drive, Suite 8
Jupiter / Palm Beach
33458 FL
USA
Tel: +1 (561) 320-9162
Fax: +1 (561) 320-9176
info@pce-americas.com
www.pce-instruments.com/us

Denmark
PCE Instruments Denmark ApS
Birk Centerpark 40
7400 Herning
Denmark
Tel.: +45 70 30 53 08
kontakt@pce-instruments.com
www.pce-instruments.com/dansk

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