

SPECIFICATIONS

Range: -94.00 to 392.00°F (-69.99 to 199.99°C)

Resolution: 0.01° or 0.1° - user selectable

Accuracy: $\pm 0.04^{\circ}\text{C}$ (-29.99 to 149.99°C) otherwise $\pm 0.2^{\circ}\text{C}$ /
 $\pm 0.07^{\circ}\text{F}$ (-22 to 302°F) otherwise $\pm 0.36^{\circ}\text{F}$

Sensor Type: 1/3 DIN Thin Film PT100 to BS EN 60751 (4 wire)

Probe: 4.25 L x 0.125 inches dia. (108 L x 3.3mm dia.)

Battery: 2 x 3 volt CR2032 lithium coin cell

Battery Life: 1000 hours

Display: 0.83 H x 1.89 W inches (21 H x 48 W mm) LCD

Dimensions: 6.1 H x 1.85 W x 0.75 D inches (153 H x 47 W x 19 D mm)

Weight: 0.22lb. (100g)



ThermoWorks

Reference Thermapen[®] Operating Instructions

Made in the UK



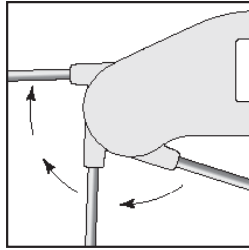
ThermoWorks

1762 W. 20 S. #100, Lindon, UT 84042
Ph: 801-756-7705 Fax: 801-756-8948
www.thermoworks.com



INSTRUMENT OPERATION

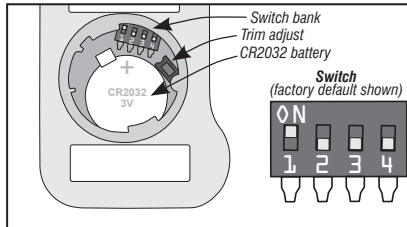
The instrument is switched on by unfolding the probe until the display shows the temperature. The unit is turned off by folding the probe back into the side of the instrument. The probe should not be rotated more than 180 degrees as damage will occur. It is recommended to store the probe, in the closed position, when not in use.



Apply the probe to the substance to be measured. For optimum accuracy immerse at least 2.75" (70mm) of the probe in the substance. DO NOT immerse any of the case parts in liquid. The probe should be allowed adequate time to stabilize to the temperature of the item to be measured.

INSTRUMENT CONFIGURATION

This instrument has four user selectable slide switches (switch bank), adjustable with a paperclip, and a single push button 'Trim Adjust' which is located under the battery cover.



Switch 1 - Display Units - Changes display units between °F (factory default) and °C. To change to °C push the switch toward the batteries.

Switch 2 - Resolution - To change the resolution from 0.01°F (factory default) to 0.1°F push the switch away from the batteries.


Switch 3 - Auto-off - To disable the auto-off (factory default – 10 minutes) push the switch away from the batteries.

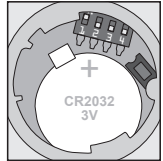
Switch 4 - Reading Trim - For normal use, we do not recommend using the 'Trim Adjust'. For further details visit www.thermoworks.com.

INSTRUMENT CLEANING

Clean the instrument regularly with an anti-bacterial probe wipe to avoid potential bacterial growth.

BATTERY REPLACEMENT

A battery symbol  indicates that the batteries will need replacing. The instrument continues to measure accurately but we recommend that the batteries be changed as soon as possible. To replace the batteries, remove the battery cover using a coin (U.S. quarter works best). Remove the batteries by pulling the battery retaining clip back while holding the unit upside down. Replace both batteries, positive side up, replace cover.



ERROR MESSAGES

'Err' will be displayed if the probe develops a fault. If the error message remains, contact our service department for further assistance.

EMC/RFI

Instrument performance may be affected if operated within a high frequency radio field, such as near a mobile phone, or if subjected to an electrostatic shock.

GUARANTEE

This instrument carries a two-year warranty against defects in either components or workmanship. During this period, products that prove to be defective will, at the discretion of ThermoWorks, be either repaired or replaced without charge. This warranty does not apply to probes, where a six-month period is offered. The product warranty does not cover damage caused by fair wear and tear, abnormal storage conditions, incorrect use, accidental misuse, abuse, neglect, misapplication or modification. Full details of liability are available within ThermoWorks' Terms & Conditions of Sale at www.thermoworks.com. In line with our policy of continuous development, we reserve the right to amend our product specification without prior notice.