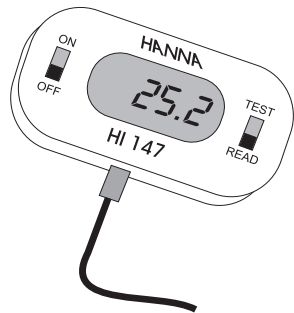


## Instruction Manual

### HI147-00 • HI147-01 Checkfridge Thermometers with Cal-Check®



IST147R3 07/05

**HANNA**  
instruments  
www.hannainst.com

Dear Customer,  
Thank you for choosing a Hanna product.  
This manual will provide you with the necessary information for correct operation.  
If you need additional technical information, do not hesitate to e-mail us at [tech@hannainst.com](mailto:tech@hannainst.com).  
These instruments are in compliance with the CE directives.

### PRELIMINARY EXAMINATION

Remove the instrument from the packing material and examine it carefully. If any damage has occurred during shipment, immediately notify your Dealer or the nearest Hanna Customer Service Center.  
The meters are supplied with battery and instructions.

**Note:** Conserve all packing material until the instrument has been observed to function correctly. Any defective item must be returned in its original packing.

Hanna Instruments reserves the right to modify the design, construction and appearance of its products without advance notice.

### GENERAL DESCRIPTION

These thermometers are specially designed with a food compatible cable, and can be used for continuous monitoring of temperature in food care areas.

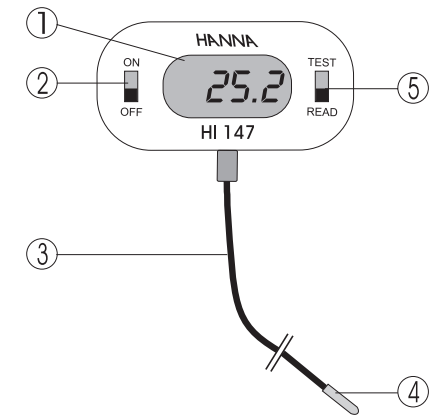
Simply attach the meter to outside a fridge or metal cabinet. This is possible thanks to the two magnets located on the back of the unit. The probe can then be inserted inside the cabinet or fridge for continuous temperature monitoring.

This thermometer is provided with the unique Cal-Check® feature, for a rapid of the meter calibration at any time through the TEST switch on the meter front.

Two models are available:

- HI 147-00 (*Checkfridge C*) displays temperature in Centigrade degrees
- HI 147-01 (*Checkfridge F*) displays temperature in Fahrenheit degrees.

### FUNCTIONAL DESCRIPTION



1. Liquid Crystal Display (LCD)
2. ON/OFF switch
3. Food compatible cable
4. Temperature probe
5. TEST/READ switch

## SPECIFICATIONS

HI 147-00	
Range	-50.0 to 150.0°C
Resolution	0.1°C
Accuracy (@25°C/77°F)	±0.3°C (-20 to 90°C) ±0.5°C (outside)
Typical EMC Deviation	±0.5°C
HI 147-01	
Range	-58.0 to 302°F
Resolution	0.1°F (-58.0 to 199.9°F), 1°F (200 to 302°F)
Accuracy (@25°C/77°F)	±0.6°F (-4 to 194°F) ±1°F (outside)
Typical EMC Deviation	±1°F
Common specifications	
Probe	stainless steel probe with 1m cable
Battery Type/Life	1 x 1.5V AAA approx. 3 years of continuous use
Dimensions	93 x 39 x 31mm (3.7x1.5x1.2")
Weight	60 g (2.1 oz.)

## OPERATIONAL GUIDE

### TAKING MEASUREMENTS

- Turn the meter ON and set the TEST/READ switch in the READ position.
- The temperature value will be displayed on the LCD.
- Wait a few seconds for the reading to stabilize.

### CALIBRATION CHECK®

Set the TEST/READ switch in the TEST position. If the meter is calibrated, in a few seconds the display will stabilize and show "0.0" for HI 147-00, or "32.0" for HI 147-01. To return to measurement mode, move back the TEST/READ switch to READ.

Contact your dealer or the nearest Hanna Service Center for recalibration, if necessary.

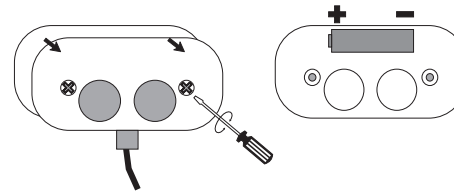
### Notes:

- Do NOT wrench the probe or put heavy objects on the cable. If the cable is damaged, the meter needs to be replaced.

- Variations in readings or fading display can indicate a low battery level.

## BATTERY REPLACEMENT


When the display fades, remove the two screws on the back. Remove the cover and replace the 1.5V AAA battery while paying attention to its polarity.



Replace the cover and tighten the two screws.

Battery should be replaced only in a safe area and using the battery type specified in this instruction sheet.

## CE DECLARATION OF CONFORMITY

<b>HANNA</b> INSTUMENTS S.p.A.	
<b>CE</b> DECLARATION OF CONFORMITY	
We, <b>Hanna Instruments S.p.A.</b> , via E. Fermi, 16, 01100 - Foligno - PD ITALY hereby certify that the instruments:	
<b>HI 147-00 and HI 147-01</b>	
have been tested and found to be in compliance with EMC Directive 89/336/EEC and Low Voltage Directive 73/23/EEC according to the following applicable standards:	
<b>EN 50084-1</b> Electromagnetic Compatibility - Generic Immunity Standard <b>IEC 60335-2-29</b> Electromagnetic Interference <b>IEC 60335-1</b> Safety	
<b>EN 50081-1</b> Electromagnetic Compatibility - Generic Emission Standard <b>EN 50122</b> Radiated, Class B	
<b>EN 60335-1</b> Safety requirements for electrical equipment for measurement, control and laboratory use.	
Date of Issue: 10/27/2006	 A. Maurizio Technical Director On behalf of Hanna Instruments S.p.A.

## WARRANTY

HI 147-00 and HI 147-01 are warranted for one year against defects in workmanship and materials when used for its intended purpose and maintained according to instructions. This warranty is limited to repair or replacement free of charge. Damages due to accident, misuse, tampering or lack of prescribed maintenance are not covered.

If service is required, contact the dealer from whom you purchased the instrument. If under warranty, report the model number, date of purchase, serial number and the nature of the failure. If the repair is not covered by the warranty, you will be notified of the charges incurred. If the instrument is to be returned to Hanna Instruments, first obtain a Returned Goods Authorization Number from the Customer Service department and then send it with shipment costs prepaid. When shipping any instrument, make sure it is properly packaged for complete protection.

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