

SPECIFICATIONS

HI147-00

Range	-50.0 to 150.0 °C
Resolution	0.1 °C
Accuracy	± 0.3 °C (-20.0 to 90.0 °C); ± 0.5 °C (outside)

HI147-01

Range	-58.0 to 302 °F
Resolution	0.1 °F (-58.0 to 199.9 °F); 1 °F (200 to 302 °F)
Accuracy	± 0.5 °F (-4.0 to 194.0 °F); ± 1 °F (outside)

Common specifications

Probe	Stainless steel probe with 1 m cable
Battery Type / Life	2 x 1.5 V AA / 30.000 hours of continuous use
Environment	0 to 50 °C (32 to 122 °F); RH max 95%
Dimensions	93 x 39 x 31 mm (3.7 x 1.5 x 1.2")
Weight	120 g (4.2 oz.)

RECOMMENDATIONS FOR USERS

Before using Hanna Instruments products, make sure that they are entirely suitable for your specific application and for the environment in which they are used. Any variation introduced by the user to the supplied equipment may degrade the meter's performance. For yours and the instrument safety do not use or store the instrument in hazardous environments.

WARRANTY

HI147-00 and HI147-01 are guaranteed for one year against defects in workmanship and materials when used for their intended purpose and maintained according to instructions. This warranty is limited to repair or replacement free of charge. Damage due to accidents, misuse, tampering or lack of prescribed maintenance is not covered.

If service is required, contact your local Hanna Instruments Office. If under warranty, report the model number, date of purchase, serial number and the nature of the problem. If the repair is not covered by the warranty, you will be notified of the charges incurred. If the meter is to be returned to Hanna Instruments, first obtain a Returned Goods Authorization number from the Technical Service department and then send it with shipping costs prepaid. When shipping any instrument, make sure it is properly packed for complete protection.

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Instruction Manual

Checkbridge

HI147-00 and HI147-01

Thermometers with Cal-Check®



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www.hannainst.com

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Thank You

Thank you for choosing a Hanna Instruments product. Please read this instruction manual carefully before using this instrument.

For technical support, contact your local Hanna Instruments Office or email us at tech@hannainst.com.

To find your local Hanna Instruments Office or for additional information on Hanna Instruments products, visit www.hannainst.com

PRELIMINARY EXAMINATION

Remove the meter from the packing material and examine it to make sure that no damage has occurred during shipping. If there is any damage, contact your local Hanna Instruments Office.

Each meter is supplied with batteries and instructions.

Note: Save all packing material until you are sure that the meter functions correctly. Any defective item must be returned in the original packing with the supplied accessories.

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 check of the meter calibration at any time through the CAL Check button on the meter front.

Two models are available:

- **HI147-00 (Checkfridge C)** displays temperature in Centigrade degrees.
- **HI147-01 (Checkfridge F)** displays temperature in Fahrenheit degrees.

TAKING MEASUREMENTS

- Turn the meter ON by pressing ON/OFF button.
- The temperature value will be displayed on the LCD.
- Wait a few seconds for the reading to stabilize.

CALIBRATION CHECK®

Press CAL Check button and, if the meter is calibrated, in a few seconds the display will stabilize and show "0.0" (± 0.3 °C in accordance with accuracy) for HI147-00, or "32.0" (± 0.6 °F in accordance with accuracy) for HI147-01. The meter will return to measure mode automatically.

Contact your local Hanna Instruments Office for recalibration if necessary.

If battery is dead, "Err" message will appear and meter will turn OFF.

Notes:

- Do NOT wrench the probe or put heavy objects on the cable. If the cable is damaged, the meter needs to be replaced.
- "Err" message appear can indicate a low battery level.

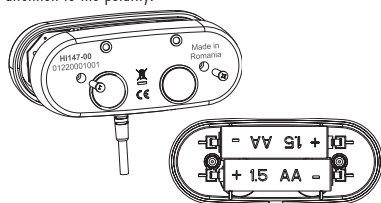
FUNCTIONAL DESCRIPTION



1. Liquid Crystal Display (LCD)
2. ON/OFF button
3. Food compatible cable
4. CAL Check button
5. Temperature probe

BATTERY REPLACEMENT

When "Err" message appears after power ON and then meter turns OFF, remove the two screws from the back cover. Remove the cover and replace the two 1.5V AA batteries while paying attention to the polarity.



Reattach the cover and tighten the two screws.

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

CERTIFICATION

All Hanna Instruments conform to the CE European Directives.



Disposal of Electrical & Electronic Equipment. The product should not be treated as household waste. Instead hand it over to the appropriate collection point for the recycling of electrical and electronic equipment which will conserve natural resources.

Disposal of waste batteries. This product contains batteries, do not dispose of them with other household waste. Hand them over to the appropriate collection point for recycling.

Ensuring proper product and battery disposal prevents potential negative consequences for the environment and human health. For more information, contact your city, your local household waste disposal service, the place of purchase or go to www.hannainst.com.



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