HI-140 Data-loggers

HI 140 loggers weigh merely 150 grams each and are not much larger than your PC mouse. They are housed in a smooth, yet tough ABS casing that is sealed against ingress of dust and water. HI 140 models are tailor-made with different temperature ranges to make them more accurate for your specific needs.

They are also very simple-to-use with no keys or buttons to press or hold. A Green LED on the front of the meter will notify you of the logging status while a Red LED serves as an alarm indication when undesired temperatures have been encountered.

HI 140 series can monitor and store up to 7600 temperatures in it's non-volatile memory for downloading and analyses. Using the powerful software for Windows®, you can select among others, your own high and low temperature alarm levels, Celsius or Fahrenheit recording, delayed start and monitoring interval. In addition, you can program each datalogger with a unique location number for easy identification. Unlike other dataloggers on the market, downloading is performed through infrared lights without requiring cables and connectors - typical dirt-traps to be avoided at all costs in food applications.

Unique amongst small dataloggers, they do not rely on an expensive Lithium battery to achieve a long battery life. By using advanced electronics, HI 140 can monitor for up to 4 years using three standard AA size alkaline batteries, resulting in a major operational cost saving. In addition, the Hanna exclusive BEPS will shut the unit down if low voltage may cause erroneous readings to be taken.

The compact design of our new dataloggers make them the ideal choice for monitoring temperature-sensitive goods in warehousing, storage and distribution. This could include fresh, frozen and chilled foodstuffs, pharmaceuticals, chemicals and other materials in powder or granulated form, as well as environmental monitoring and testing of air conditioning systems, museums, art galleries, greenhouses and incubators. You can also choose your loggers from models with or without a built-in hook.

All loggers have the following features: programmable high and low alarm thresholds, programmable logging interval from 1 minute to 23 hours and 59 min., logging delay start selectable from 0 min. to 23 hours and 59 min., programmable serial and user ID numbers, infrared RS232 optical communication link, programmable real time clock and 3x1.5 AA batteries (included) with approx. life of 4 years at 25°C.

Specifications: HI 140 Temperature Logger for Warehousing, Distribution & Storage

Model	Range	Accuracy
Without Hook (moulded eye):		
HI 140A	-30.0 to 70.0°C / -22.0 to 158.0°F	±1.5°C/ ±3°F
HI 140B	-10.0 to 30.0°C / 14 to 86°F	±0.5°C/ ±1°F
HI 140C	-30.0 to 10.0°C / -22 to 50°F	±0.5°C/ ±1°F
HI 140D	20.0 to 60.0°C / 68 to 140°F	±0.5°C/ ±1°F
HI 140E	-30.0 to -10.0°C / -22 to 14°F	±0.3°C/ ±0.6°F
HI 140F	20.0 to 40.0°C / 68 to 104°F	±0.3°C/ ±0.6°F
HI 140G	-5.0 to 15.0°C / 23 to 59°F	±0.3°C/ ±0.6°F
With Hook (moulded eye):		
HI 140AH	-30.0 to 70.0°C / -22.0 to 158.0°F	±1.5°C/ ±3°F
HI 140BH	-10.0 to 30.0°C / 14 to 86°F	±0.5°C/ ±1°F
HI 140CH	-30.0 to 10.0°C / -22 to 50°F	±0.5°C/ ±1°F
HI 140DH	20.0 to 60.0°C / 68 to 140°F	±0.5°C/ ±1°F
HI 140EH	-30.0 to -10.0°C / -22 to 14°F	±0.3°C/ ±0.6°F
HI 140FH	20.0 to 40.0°C / 68 to 104°F	±0.3°C/ ±0.6°F
HI 140GH	-5.0 to 15.0°C / 23 to 59°F	±0.3°C/ ±0.6°F