

# HI 140



## Compact Temperature Datalogger with Remote Control from PC and $\pm 0.3^{\circ}\text{C}$ Accuracy

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 nonvolatile memory for downloading and analysis. Then you can transfer the logged data to your PC by simply placing the instrument on the HI 90140 interface and running the HI 92140 software.

You need just one interface connected to your PC to handle all your dataloggers, each identified by a unique ID code.

Each model of the HI 140 series is also available with molded eye for easy mounting.

### Specifications

#### HI 140 without hook

Model	Range	Resolution	Accuracy
HI 140A	-30.0 to 70.0°C / -22.0 to 158.0°F	0.5°C / 0.5°F	$\pm 1.5^{\circ}\text{C} / \pm 3^{\circ}\text{F}$
HI 140B	-10.0 to 30.0°C / 14 to 86°F	0.2°C / 0.4°F	$\pm 0.5^{\circ}\text{C} / \pm 1^{\circ}\text{F}$
HI 140C	-30.0 to 10.0°C / -22 to 50°F	0.2°C / 0.4°F	$\pm 0.5^{\circ}\text{C} / \pm 1^{\circ}\text{F}$
HI 140D	20.0 to 60.0°C / 68 to 140°F	0.2°C / 0.4°F	$\pm 0.5^{\circ}\text{C} / \pm 1^{\circ}\text{F}$
HI 140E	-30.0 to -10.0°C / -22 to 14°F	0.1°C / 0.2°F	$\pm 0.3^{\circ}\text{C} / \pm 0.6^{\circ}\text{F}$
HI 140F	20.0 to 40.0°C / 68 to 104°F	0.1°C / 0.2°F	$\pm 0.3^{\circ}\text{C} / \pm 0.6^{\circ}\text{F}$
HI 140G	-5.0 to 15.0°C / 23 to 59°F	0.1°C / 0.2°F	$\pm 0.3^{\circ}\text{C} / \pm 0.6^{\circ}\text{F}$
HI 140H	10 to 120°C / 50 to 248°F	1°C / 2°F	$\pm 2^{\circ}\text{C} / \pm 4^{\circ}\text{F}$

#### HI 140 with hook (molded eye)

Model	Range	Resolution	Accuracy
HI 140AH	-30.0 to 70.0°C / -22.0 to 158.0°F	0.5°C / 0.5°F	$\pm 1.5^{\circ}\text{C} / \pm 3^{\circ}\text{F}$
HI 140BH	-10.0 to 30.0°C / 14 to 86°F	0.2°C / 0.4°F	$\pm 0.5^{\circ}\text{C} / \pm 1^{\circ}\text{F}$
HI 140CH	-30.0 to 10.0°C / -22 to 50°F	0.2°C / 0.4°F	$\pm 0.5^{\circ}\text{C} / \pm 1^{\circ}\text{F}$
HI 140DH	20.0 to 60.0°C / 68 to 140°F	0.2°C / 0.4°F	$\pm 0.5^{\circ}\text{C} / \pm 1^{\circ}\text{F}$
HI 140EH	-30.0 to -10.0°C / -22 to 14°F	0.1°C / 0.2°F	$\pm 0.3^{\circ}\text{C} / \pm 0.6^{\circ}\text{F}$
HI 140FH	20.0 to 40.0°C / 68 to 104°F	0.1°C / 0.2°F	$\pm 0.3^{\circ}\text{C} / \pm 0.6^{\circ}\text{F}$
HI 140GH	-5.0 to 15.0°C / 23 to 59°F	0.1°C / 0.2°F	$\pm 0.3^{\circ}\text{C} / \pm 0.6^{\circ}\text{F}$
HI 140HH	10 to 120°C / 50 to 248°F	1°C / 2°F	$\pm 2^{\circ}\text{C} / \pm 4^{\circ}\text{F}$

All loggers have the following features: programmable high and low alarm thresholds; programmable logging interval from 1 min. to 23 hours and 59 min; logging delay start selectable from 0 min. to 23 hours and 59 min; programmable ID number; infrared communication with serial interface; programmable real time clock; 3 x 1.5V AA batteries (included) with approx. life of 4 years at 25°C; dimensions: dia 86.5 mm x h 35 mm; / weight: 150 g

### Accessories

HI 90140	Infrared interface for PC connection
HI 92140	Windows® compatible software



### Ordering Information

All HI 140 models are supplied complete with batteries and instructions.