

## HI 141

The HI 141 series is a family of temperature data loggers with either one or two channels, internal or external temperature sensors, and an optional LCD. External temperature sensor models feature one or two stainless steel sensors on a 1 meter (3.3') cable for direct insertion. HI 141 can store up to 16,000 temperature samples in a protected, non-volatile EEPROM memory. The logging interval can be set from once per second up to every 24 hours and logging delay start can be set anywhere up to 199 hours. The MIN or MAX temperature between logging intervals can also be stored. All of your collected data is tamper-proof and stored into serial numbered lots. The user interacts with the logger; setting data acquisition parameters or downloading logged data, through an RS232 serial port on a Windows® PC. The HI 141000 Windows® software supports communication between the logger and the PC through the HI 141001 infrared transmitter. The housing is waterproof to IP 67 standards and can include a convenient hanging loop (simply add an "H" to the end of the code). A long-life AA lithium battery provides power. For a typical 1 minute logging interval, your battery will last about 4 years. HANNA instruments' unique Battery Error Protection System (BEPS) signals when it is time to change the battery and the housing is designed so you can change the battery yourself.



### Ordering Information

Code	Sensor/s	Range
HI 141A	1 internal	-40.0 to 80.0°C
HI 141B	1 external	-40.0 to 125.0°C
HI 141C*	1 internal	-20.0 to 70.0°C
HI 141D*	1 external	-40.0 to 125.0°C
HI 141E	1 internal	-40.0 to 80.0°C
	1 external	-40.0 to 125.0°C
HI 141F	2 external	-40.0 to 125.0°C
HI 141G*	1 internal	-20.0 to 70.0°C
	1 external	-40.0 to 125.0°C
HI 141J*	2 external	-40.0 to 125.0°C

\* Model with LCD display.

### Accessories

HI 141000	Windows® application software
HI 141001	Infrared transmitter
HI 740033	3.6 V AA battery
HI 740221	Key for magnetic start

Per detailed informations on these products, see page 011.

The HI 141 thermologgers feature a large liquid crystal display showing a wide variety of information while simultaneously storing it. From the LCD, you can immediately tell the current temperature, channel and status of the logging sequence according to your programmed instructions:



Countdown until the start of logging



Number of samples taken



Number of samples which have exceeded the HIGH/LOW alarms



HIGH and LOW temperature values



HIGH and LOW alarm settings