

HI-148 Indicator



HI 148 is a new temperature indicator designed for the monitoring of food in different production cycles. Constructed in a compact casing and with a molded eye, **HI 148** can be installed on the QC bench or wherever necessary to control the ambient temperature of food chain, from the storage room to the point of delivery. The measurement range is from -20 to 60°C (-4 to 140°F) with an excellent $\pm 0.5^{\circ}\text{C}$ ($\pm 0.9^{\circ}\text{F}$) accuracy. The stainless steel encapsulated sensor is positioned right on the outer body of this thermometer provides a rapid

response. In order to ensure that temperature control is never interrupted, **HI 148** runs permanently on a 12 VDC power supply. Temperature is constantly displayed on a large LCD so that the operator can check it at any time. **HI 148** also offers a unique alarm control. Any value from 0 to 50.0°C or 32 to 122°F can be adjusted as the setpoint through a trimmer located on the back of the meter. Should the temperature exceed this user-selectable setpoint, the red LED blinks to warn of an abnormality. The built-in LED is well visible from a distance. This alarm is a cost-saving feature with a tremendous potential. It can be used as a forewarning that the refrigeration or air conditioning unit is malfunctioning, or that a door has been left open, or point to any other mishaps, common in a busy workplace. **HI 148** is a convenient and very inexpensive way to ensure that temperature of the environment in which food is prepared, kept and served never exceeds the limits imposed by the HACCP regulations. In fact, the meter frees workers from having to manually check the temperature and immediately signals if and when an abnormality arises. Choose from Celsius and Fahrenheit models.

Specifications:	HI 148-00	HI 148-01
Range	-20.0 to 60.0°C	-4.0 to 140.0 °F
Resolution	0.1°C	0.1°F
Accuracy	$\pm 0.5^{\circ}\text{C}$	$\pm 0.9^{\circ}\text{F}$
Setpoint	Selectable from 0.0 to 50.0°C	Selectable from 32.0 to 122.0°F
Alarm	LED blinks when measured temperature is higher than the setpoint	
Sensor	Incorporated, incapsulated stainless steel	
Power Supply	12 VDC external power adapter (included)	
Environment	-20 to 60°C (-4 to 140°F); RH 100%	
Dimensions	86 x 94 x 33 mm (3.3 x 3.7 x 1.3")	
Weight	150 g (5.2 oz.)	

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