



Rugged Thermometers with T-shaped Handle Designed for HACCP Control with $\pm 0.3^{\circ}\text{C}$ Accuracy and Cal-Check[®]



The HI 145 thermometers have been developed for HACCP programs and offer maximum simplicity-of-use together with high standards of performance. The durable T-shaped handle fits comfortably in hand and is ideal for applications where applied force is necessary for insertion, such as with incoming meat inspection and semi-frozen foods. The position of the LCD on top of the meter allows easy reading when used in cooking. The HI 145 thermometer is the ideal solution for temperature monitoring of incoming merchandise and food storage, as well as applications in food preparation, and during cooking.

HI 145-00 and HI 145-01 are equipped with a 5" (125 mm) long AISI 316 stainless steel probe. It has a conic sharp tip which provides fast response and improved accuracy over the entire range. HI 145-20 and HI 145-30 are supplied with a 12" (300 mm) long stainless steel probe and are ideal for monitoring hot liquids in cooking applications such as deep frying and soup preparation.

Automatic Calibration Check

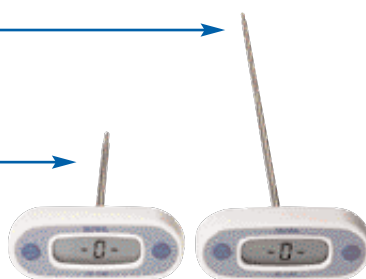
The HI 145 series is equipped with the exclusive Cal-Check[®] feature. When the instrument is turned on, it performs a self check of its calibration status and displays it on the LCD.

HI 145-20 (°C) - HI 145-30 (°F):

Stainless steel probe
300 x dia 5 mm

HI 145-00 (°C) - HI 145-01 (°F):

Stainless steel probe
125 x dia 5 mm



Specifications

	HI 145-00	HI 145-01	HI 145-20	HI 145-30
Range	-50.0 to 220°C	-58.0 to 428.0°F	-50.0 to 220°C	-58.0 to 428.0°F
Resolution	0.1°C (-50.0 to 199.9°C); 1°C (200 to 220°C)	0.1°F (-58.0 to 199.9°F); 1°F (200 to 428°F)	0.1°C (-50.0 to 199.9°C); 1°C (200 to 220°C)	0.1°F (-58.0 to 199.9°F); 1°F (200 to 428°F)
Accuracy	$\pm 0.3^{\circ}\text{C}$ (-20 to 90°C); $\pm 0.4\%$ F.S. (outside)	$\pm 0.6^{\circ}\text{F}$ (-4 to 194°F); $\pm 0.4\%$ F.S. (outside)	$\pm 0.3^{\circ}\text{C}$ (-20 to 90°C) $\pm 0.4\%$ F.S. (outside)	$\pm 0.6^{\circ}\text{F}$ (-4 to 194°F); $\pm 0.4\%$ F.S. (outside)
Probe	stainless steel 125 mm x dia 5 mm (4.9 x dia 0.2")		stainless steel 300 mm x dia 5 mm (11.8 x dia 0.2")	
Battery Type / Life	1 x 1.5V AAA / approx. 10000 hours of continuous use; auto-off after 8 minutes of non-use			
Environment	-10 to 50°C (14 to 122°F); RH max 95%			
Dimensions	692 x 165 x 38 mm		692 x 340 x 38 mm	
Weight	65 g (2.3 oz.)		80 g (2.8)	

Ordering Information

All models of the HI 145 series are supplied complete with battery and instructions.

HI 145-00, 125 mm probe

HI 145-01, 125 mm probe

HI 145-20, 300 mm probe

HI 145-30, 300 mm probe