

Infrared Thermometers for the Food Industry

- Non-invasive measurement
- HOLD function
- Battery life indicator on startup
- Optional external probe can also be used (HI 99556)

The HI 99551 and HI 99556 thermometers employ infrared technology to measure surface temperatures. Infrared readings are extremely fast with a response time typically around 1 second.

One big advantage of these meters is the non-intrusive nature of measurements. This feature is particularly attractive for food distribution, retailing and markets since it translates practicality into savings by leaving products intact, especially those sealed or pre-wrapped.

In order to measure the temperature, simply turn on the meter and point to the product or target. Readings are displayed on the LCD. This type of non-intrusive measurement is also useful when the surface temperature is too high to approach, for difficult to reach places or for hygiene requirements.

If you must check the core temperature in addition to surface measurement, the HI 99556 is the ideal solution for you. Simply attach an optional external probe to the meter and you have a 2-in-1 infrared-thermistor thermometer.

A HOLD function freezes the display to allow the user time to record readings.

ORDERING INFORMATION

Choose your configuration:

- x = **1** meter with IR sensor
6 meter with IR sensor and HI 765PW probe (40 to 150°C range)
- y = **00** IR range from -10 to 300°C
01 IR range from 14 to 572°F
10 IR range from -20 to 199.9°C

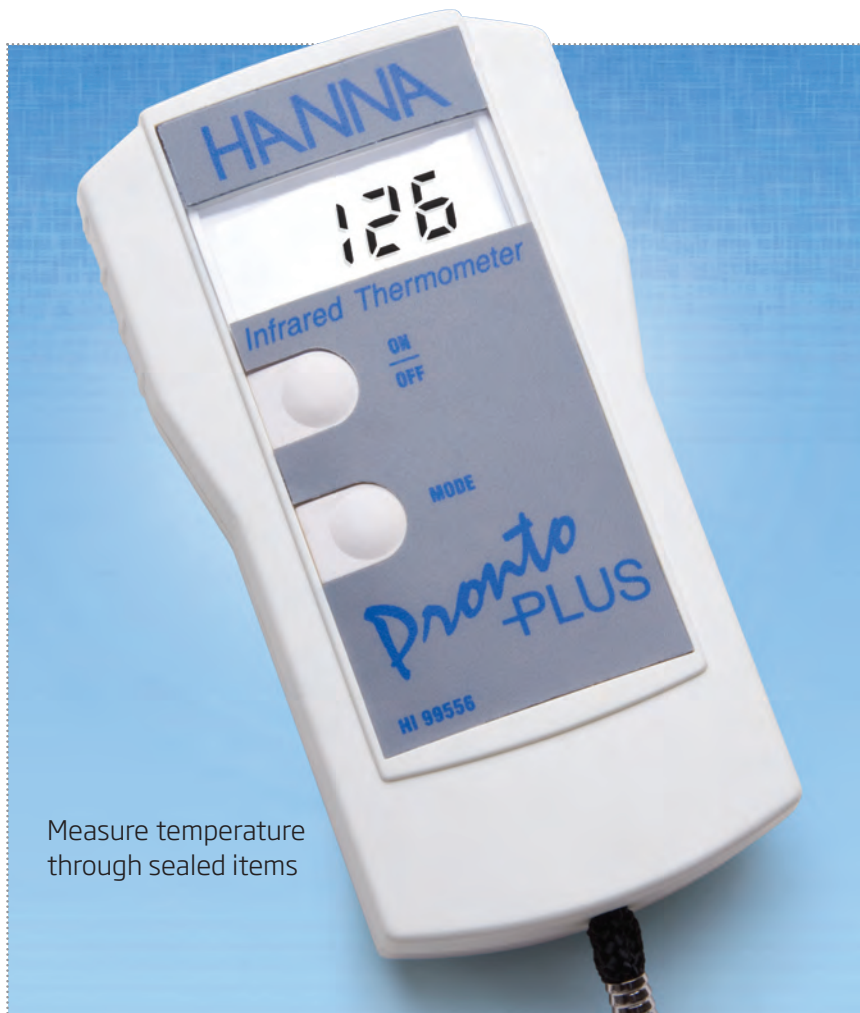
HI 9955 -

PROBES

- HI 765PW** General purpose/penetration, stainless steel thermistor temperature probe with white handle and 1 m (3.3') cable

ACCESSORIES

- HI 731318** Sensor cleaning cloth (4)
HI 710007 Shockproof rubber boot, blue
HI 710008 Shockproof rubber boot, orange
HI 710004 Soft carrying case
HI 721316 Rugged carrying case



Measure temperature through sealed items

SPECIFICATIONS		HI 99551-00/ HI 99556-00	HI 99551-01/ HI 99556-01	HI 99551-10/ HI 99556-10
Range	IR	-10 to 300°C	14 to 572°F	-20.0 to 199.9°C
	Probe (HI 99556 only)	-40 to 150°C	-40 to 302°F	-40 to 150.0°C
Resolution	IR	1°C	1°F	0.1°C
	Probe (HI 99556 only)	1°C	1°F	0.1°C
Accuracy	IR	±2% of reading or ±2°C	±2% of reading or ±3°F	±2% of reading or ±2°C
	Probe (HI 99556 only)	±0.5°C (-20 to 120°C); ±0.5°C +1% reading (outside)	±1°F (0 to 250°F); ±1°F +1% reading (outside)	±0.5°C (-20 to 120°C); ±0.5°C +1% reading (outside)
IR Sensor Response Time		1 second		
IR Sensor Optic Coefficient		3:1 (ratio of distance to target diameter)		
Minimum Distance		30 mm (1.2")		
Probe (HI 99556 only)		HI 765PW general purpose/penetration, stainless steel thermistor temperature probe with white handle and 1 m (3.3') cable (included)		
Battery Type / Life		9V / approximately 150 hours of continuous use		
Environment		0 to 50°C (32 to 122°F); RH max 95%		
Dimensions		143 x 80 x 38 mm (5.6 x 3.2 x 1.5")		
Weight		320 g (11.3 oz.)		