



Infrared Thermometers for the Food Industry

The **HANNA** instruments® HI 99551 and HI 99556 thermometers employ infrared technology to measure the surface temperature.

Infrared measurements are extremely practical with a fast response time, typically around 1 second.

Another main advantage is the non-intrusive nature of the measurement. This latter feature is particularly attractive in the food industry since it translates itself into substantial savings by leaving products intact, especially those sealed or pre-wrapped.

In order to measure the temperature, simply point to the product or the spot and hold down the measurement key. The measured value will be immediately displayed on the LCD.

This type of non-intrusive measurement is also useful when the surface temperature is high, for difficult-to-reach places or due to hygiene requirements.

These **HANNA** instruments® meters are also particularly attractive for food distribution, retailing and supermarkets.

Both HI 99551 and HI 99556 run on a common 9V battery with low battery indication on the display.

The optional **HANNA** instruments® rubber boots will make the meters truly shockproof.

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



Specifications

HI 99551 / HI 99556		
Range	IR	-10 to 300°C ("00" models); 14 to 572°F ("01" models); -20.0 to 199.9°C ("10" models)
	Probe	-40 to 150°C (HI 99556 only)
Resolution	IR	1°C ("00" models); 1°F ("01" models); 0.1°C ("10" models)
	Probe	0.1°C (HI 99556 only)
Accuracy	IR	±2% or ±2°C ("00" and "10" models); ±2% or ±3°F ("01" models)
	Probe	±0.5°C (-20 to 120°C); ±0.5°C+1% of reading (outside) (HI 99556 only)
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 765PW (included) (HI 99556 only)
Battery Type / Life		1 x 9V / approx. 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.)

Accessories

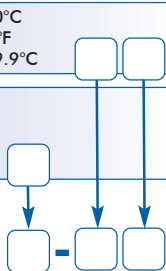
HI 765PW	Temperature probe for HI 99556	HI 710008	Shockproof rubber boot, orange
HI 731318	Sensor cleaning tissue (4 pcs.)	HI 710004	Soft carrying case
HI 710007	Shockproof rubber boot, blue	HI 721316	Rugged carrying case

Ordering Information

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

1= meter with IR sensor
6= meter with IR sensor and HI 765PW probe with -40 to 150°C range

HI 9955



For a complete range of temperature probes, see section P. For accessories, see section U.