



Non-Contact Infrared Thermometers



Infrared radiation emitted from an object depends on its temperature. The **HANNA** instruments' HI 99550 infrared thermometer employs this technology to measure the surface temperature. Infrared measurements are extremely practical with an instantaneous response time. Another main advantage is the non-intrusive nature of the measurements. This feature can translate itself into substantial savings in industries where products are 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.

HANNA instruments' HI 99550 is designed with a wrist-strap and ergonomic shape for greater ease of use.

The fast response time and the HOLD function make the **HANNA** instruments' infrared meter particularly attractive for repetitive tests in the factory or on the production line.

Specifications

	HI 99550-00	HI 99550-01
Range	-10 to 300°C	14 to 572°F
Resolution	1°C	1°F
Accuracy	±2% of reading or ±2°C	±2% of reading or ±3°F
Emissivity		0.95
Typical Response Time		1 second
Optic Coefficient	3:1 (ratio of distance to target diameter); minimum distance 30 mm (1.2")	
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 710007	Shockproof rubber boot, blue	HI 710004	Soft carrying case
HI 710008	Shockproof rubber boot, orange	HI 721316	Rugged carrying case

Ordering Information

HI 99550-00 is supplied complete with battery and instructions.

HI 99550-01 is supplied complete with battery and instructions.