

# Infrared Thermometers



- Measure temperature in difficult to reach places
- HOLD function
- Battery life indicator on startup
- Ideal for industrial facilities

Infrared radiation emitted from an object depends on its temperature. The HANNA HI 99550 infrared thermometer employs this technology to measure surface temperature. Infrared thermometers provide non-invasive measurements with instantaneous response times. This can translate into substantial savings particularly in industries where products are sealed or pre-wrapped.

In order to measure the temperature, simply point to the product or the target 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 HI 99550 is designed with a wrist-strap and ergonomic shape for greater ease of use.

The fast response time along with the HOLD function, which freezes the display to allow the user time to record readings, make the HI 99550 infrared thermometer 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	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.)	

### ORDERING INFORMATION

HI 99550-00 and HI 99550-01 are supplied with battery and instructions.

### 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