

**From -199.9 to 850°C
with 4-wire Pt100 Thermometers**

Pt100 models are widely recognized as the most accurate with the best stability, repeatability and linearity among thermometers. Add to this the four-wire system that is practically impervious to lead-wire length error and you have a powerful tool to measure temperature accurately. We have designed two affordable models for you to choose from: **HI 95501** with the interchangeable **HI 768** Pt100 probes and **HI 95502** with the fixed general-purpose probe and 1 m (3.3') lead, at a very attractive price.

Both models measure temperatures with 0.1°C resolution in the -199.9 to 199.9°C range and then automatically switch to 1°C from 200 to 850°C. Press RANGE and the resolution switches to 1°C at any time. A compact, ergonomic design and a wrist-strap make it easy to carry them anywhere in the lab or plant.

The shockproof rubber boot is recommended to protect the meter during field measurements.



Specifications

	HI 95501	HI 95502
Range	-199.9 to 199.9°C; 200 to 850°C	
Resolution	0.1°C (-199.9 to +199.9°C); 1°C (200 to 850°C)	
Accuracy	±0.2°C and ±1 digit (-120.0 to 199.9°C); ±1°C and ±1 digit (-170 to 450°C); ±1% F.S. and ±1 digit (outside) (for 1 year, excluding probe error)	
Probe	HI 768 series, Pt100, stainless steel, with 1 m (3.3') cable (not included)	Pt100, stainless steel, with 1 m (3.3') cable (fixed)
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.)	

Ordering Information

HI 95501 is supplied complete with battery and instructions.

HI 95502 is supplied complete with fixed temperature probe (general purpose), battery and instructions.

Accessories

HI 768A	Air/gas temperature probe with 1 m (3.3') cable	HI 710007	Shockproof rubber boot, blue
HI 768L	General purpose/liquid temperature probe, 1 m cable	HI 710008	Shockproof rubber boot, orange
HI 768P	Penetration temperature probe with 1 m (3.3') cable	HI 710004	Soft carrying case

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