

**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**

	<b>HI 95501</b>	<b>HI 95502</b>
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**

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

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