

1 or 2-Channel, Printing and Logging Pt100 Thermometers



HI 955301 and HI 955302 combine the high resolution and extended temperature range of the HI 955201 series with extensive logging capabilities and an infrared data transfer system. In addition to supplying the user with instant printouts of date, time and temperature, they also provide data logging facilities that store data for transfer to a computer system for retrieval and/or printing at a later date.

HI 955301 accepts one temperature probe while HI 955302 can take 2 separate Pt100 probes. The sophisticated software allocates up to 16000 temperature readings to maximize available space, regardless of the number of channels in use. The LCD shows temperature in large easy-to-read digits with a secondary level of readout displaying logging interval, channel, time and date. Due to extensive use of advanced electronics, all of these features can be housed in a package weighing just 500 grams.

These meters are calibrated against a certified standard. Recalibration service is available upon request.

HANNA instruments® offers a variety of optional 4-wire Pt100 HI 768 temperature probes to fit your application.

Specifications

	HI 955301	HI 955302
Range	-200.0 to 850.0°C	
Resolution	0.1°C or 1°C, selectable	
Accuracy	±0.1°C ±0.1% of reading (for 1 year, excluding probe error)	
Channels	1	2
Probe	HI 768 series, 4-wire Pt100 probe (not included)	
Printer	low power impact, 14 characters per line, using 38 mm plain paper (HI 710034)	
Printing Interval	selectable at 1, 2, 5, 10, 15, 30, 60, 120 or 180 minutes	
PC Connection	HI 9200 interface through RS232 serial port and using HI 92000 software (not included)	
Power Supply	4 x 1.5V AA battery / approx. 500 hours (with 60' printing interval); auto-off after 5 minutes of non-use; or 12 Vdc input	
Environment	0 to 50°C (32 to 122°F); RH max 95%	
Dimensions	220 x 82 x 66 mm (8.7 x 3.2 x 2.6")	
Weight	550 g (1.2 lb.)	

Accessories

HI 768A	Air/gas Pt100 temperature probe with 1 m cable	HI 710005	115 Vac/12 Vdc power adapter
HI 768L	General purpose/liquid Pt100 probe with 1 m cable	HI 710006	230 Vac/12 Vdc power adapter
HI 768P	Penetration Pt100 temperature probe with 1 m cable	HI 710034	Paper roll (10 pcs.)
HI 721317	Rugged carrying case	HI 710035	Ink cartridge (1 pc.)
		HI 9200/9	Serial interface for PC connection
		HI 92000	Windows® compatible software

Ordering Information

HI 955301 is supplied with 5 paper rolls, batteries, rugged carrying case and instructions.

HI 955302 is supplied with 5 paper rolls, batteries, rugged carrying case and instructions.

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