

Thermometers — continued

Digital Thermometer



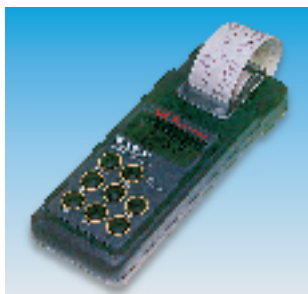
- Ideal for education
- Uses a miniature silicon sensor which is precalibrated in factory to measure a wide temperature range
- Highly accurate with a very fast response time
- Sensor is housed in a rugged, stainless steel penetration probe
- Large LCD display provides clear, easy to read digits

Range	-40 to 150°C
Resolution	0.1°C
Accuracy	±0.5% full scale for one year
Battery Life	approx 900 hours
Dimensions	180 x 83 x 40
Weight	280g

TE096

Mfrs' List No.	Order Code	1+	5+	10+	20+
HI-8751	725-9256				

High Accuracy Logging Thermometers



- High accuracy and fast response time
- Supplies an instant printout of date, time and temperature
- Provides datalogging facilities that store data for transfer to a computer system via software
- HI 92810 accepts one temperature probe
- HI 92840 can take up to 4 different measurements from 4 separate probes
- Software allocates up to 16,000 temperature readings
- Large LCD shows temperature in large easy to read figures

- Cordless infra-red transmission of data through cradle
- HI 92810 is supplied with a k-type temperature probe
- Meters are supplied with 5 paper rolls, batteries and carry case

Range	-50.0 to 150.0°C
Resolution	0.1°C
Accuracy	±0.4°C (-20 to 120°C) ±0.7°C (outside)
Typical EMC Deviation	±0.6°C

Logging intervals Selectable from 1,2,5,10,15,30,60,120 and 180 minutes

TE097

	Mfrs. List No.	Order Code	1+	5+	10+	20+
4channel thermometer	HI-92840	725-9268				
1 channel thermometer	HI-92810	725-9270				
Infra-red cradle	HI-9200	725-9281				
Windows software	HI-92000	725-9293				
Penetration probe	HI-762PW	725-9300				
Liquid/general purpose probe	HI-762L	725-9311				
Wire probe	HI-762W	725-9323				

KJT Thermocouple Printing/Logging Thermometers



HI-98801 and HI-98804



- Choice of K, J or T type thermocouple measurement in one meter
- HI-98801 accepts one temperature probe
- HI-98804 can take up to 4 different probes
- Non-fading paper for permanent record
- Log 14000 data samples and download to PC
- 2 year guarantee



Portable printing thermometers with LCD display and K, J or T type thermocouple input. Readings can be printed out on request with printout showing date, time and temperatures (choice of °C or °F) or, for long-term monitoring, a printing interval can be chosen and the meter left to print unattended.

Printer uses non-fading paper for a permanent record of data.

Readings can be recorded into memory for later recall on the LCD display, printer or for downloading to PC using an optional infrared transmitter and Windows[®] compatible software. Data can be tabulated, graphed and exported into other commercial software packages.

Additional benefits include an LCD backlight for easy reading even in dark conditions, a "calibration due alarm", password protection, battery or external 12VDC supply (recommended for long-term printing and logging) and user-friendly LCD symbols to guide the user and inform of errors.

Supplied complete with batteries, pk of 5 paper rolls and attache case (but without probe).

Range/(resolution)	K: -200 to 999.9°C / (0.1°C/0.2°C), 1000 to 1370°C / (1°C) J: -200 to 760.0°C / (0.1°C/0.2°C) T: -200 to 400.0°C / (0.1°C/0.2°C)
Accuracy	(0.5°C (-200 to 999.9°C), (1.0°C outside
Printing/logging interval	1, 2, 5, 10, 15, 30, 60, 120 and 180 mins
Power	4x 1.5V batteries or 12 VDC adaptor
Dims/weight	220 x 82 x 66mm / 500g

T527

Order Code	Price Each			
	1+	5+	10+	20+
HI-98801	327-6557			
HI-98804	327-6545			

Microprocessor Thermocouple Thermometers



- Range -200 to 1370°C
- Resolution of 0.1 to 999.9°C
- Use with any K type probe
- K type with HI/LO recall
- K type dual input
- KJT type



Easy to use, splashproof thermometers which fit comfortably in the hand with a wrist strap for security and optional protective rubber holster. Microprocessor controlled for 0.1 resolution, high accuracy and wide temperature range.

HI-93531 displays temperature in °C/F and gives HI/LO temperature memory and HOLD button. HI-93532 accepts two temperature probes at the same time with readout in °C, differential temperature, hold/memory button allowing a reading to be stored for later recall.

HI-93551 accepts either K, J or T type probes with display in °C or °F, HI/LO temperature recall and HOLD button.

	HI-93531 & HI-93532	HI-93551
Range (K) (J) (T)	-200.0 to 1370°C/-300 to 2500°F	-200.0 to 1370°C/-300 to 2500°F -200.0 to 900.0°C/-300 to 1650°F -200.0 to 400.0°C/-300 to 750.0°F
Resolution	0.1°C (-200 to 999.9°C), 1°C outside (0.2% FS)	0.1°C (-200 to 999.9°C), 1°C outside (0.2% FS(K & J), (0.5%FS (T)
Accuracy		
Battery/life	1 x 9V/ 100 hours	
Weight/dimensions	320g / 143 x 80 x 38mm	

T526

Order Code	Price Each		
	1+	3+	5+
HI-93531	356-5105		
HI-93551	356-5129		

pH Meters



pH Tester



- Low cost
- Ideal for testing involving test-tubes or limited access
- Large clear LCD
- pH meter 710-7535
- Replacement pH electrode 710-7547

pH: replacement electrode available range: 0 to 14pH, 0.01 res accuracy: ±0.2pH calibration: at 4/10 and 7

Dimensions (meter) 66x50x25

T361

Order Code	Price Each		
	1+	5+	10+
Checker Ph meter	710-7535		
Replacement electrode	710-7547		