

HH-511/512 Type K Thermocouple Indicator (1 or 2 Channel)

1 channel (HH-511) or 2 channel (HH-512), hand-held Type K Thermocouple indicator with a clear 4-digit LCD display and measurement range of -200°C to +1370°C (-328°F to +2498°F). Supplied with removable rubber protective holster, canvas carrying case and batteries.

- Type K thermocouple input(s)
- 1 channel: °C / °F selectable (2 channel: °C / °F / K selectable)
- Clear 4 digit LCD display
- 1 channel: Data hold (2 channel: Data hold, Max, Min, Diff T1-T2)
- Auto power off, low battery indicator
- Integrated tilt stand, removable rubber protective holster
- Supplied with canvas carry case, user manual and batteries

Technical Details	
Input (miniature plug) *	(HH-511) 1 x Type K Thermocouple (HH-512) 2 x Type K Thermocouple
Measurement Range	-200°C to +1370°C (-328°F to +2498°F)
Resolution	0.1 up to 999.9°C, 1.0 above +1000°C ± (1% of reading +1°C), ± (1% of reading +2°F) When instrument ambient temperature is between: +18°C to +28°C (+60°F to +122°F)
Accuracy **	
Measurement Cycle	2.5 times per second
Display	4 digit LCD display
Operating Temp./Humidity	0°C to +50°C (+32°F to +104°F) / 10~80 %RH
Storage Temp./Humidity	-10°C to +60°C (-10°F to +122°F) / 10~80 %RH
Power	4 x AAA 1.5V batteries (supplied)
Dimensions	145mm (H) x 71mm (W) x 40mm (D)
Weight	~203g (with holster/batteries), ~130g (without holster)



HH-511 top view



HH-512 model shown



HH-512 top view

order code

1 Channel	2 Channel
HH-511	HH-512

HH-1314 Selectable Input Thermocouple Indicator (2 Channel)

Accepts Thermocouple Types K, J, T, N, E, R, S

Easy to use, hand-held Thermocouple indicator with 2 input channels. Simply connect your thermocouple sensor(s) to the device using a miniature flat-pinned plug. Selectable between thermocouple inputs K, J, T, N, E, R and S.

The indicator has a sampling rate of 1.5 seconds and can show both input channels on the screen at once, identified as T1, T2. A memory function allows storage and recall of up to 44 data snapshots. An alarm can be configured to audibly alert if the temperature exceeds a high/low limit.

Robust construction with an easy-to-read, backlit LCD display. The strong plastic case has an integrated tilt stand, protected by a removable rubber holster. Supplied with batteries.

- 2 Thermocouple input channels (T1-T2)
- Thermocouple Types K, J, T, N, E, R, S
- °C / °F / K selectable
- Backlit 4½ digit LCD display
- MIN, MAX, AVG, HOLD, MEM (44 slots), Hi/Lo Alarm
- Battery powered, auto power off, low battery indicator
- Integrated tilt stand, removable rubber holster
- Supplied with instruction manual and batteries

Technical Details	
Input (miniature plug) *	2 x Thermocouple
Measurement Range	K -150°C to +1370°C (-200°F to +1999.9°F)
	J -150°C to +1090°C (-200°F to +1994°F)
	T -150°C to +400°C (-200°F to +752°F)
	N -150°C to +1300°C (-200°F to +1999.9°F)
	E -150°C to +870°C (-200°F to +1598°F)
	R,S -2°C to +1767°C (+35°F to +1999.9°F)
Accuracy **	K, J, T, N, E ±[0.05% of rdg +0.5°C (0.9°F)]. Below -100°C (-148°F): add 0.15% of rdg for K, J, N, E; add 0.45% of rdg for T
	R, S ±[0.05% of reading +2°C (4°F)]
Resolution	K, J, T, N, E: 0.1 °C / °F / K; R, S: 1.0 °C / °F / K
Temperature Coefficient	0.01% of rdg +0.03°C per °C outside specified +18°C~+28°C range. Below -100°C: add 0.04% of rdg for K,J,N,E; add 0.08% of rdg for T
Sample Rate	Every 1.5 seconds
Display	Backlit 4½ digit LCD display
Functions	Min, Max, Avg, Hold, Mem, Auto Off, Low Battery
Operating Temp./Humidity	0°C to +50°C (+32°F to +122°F) below 80 %RH
Storage Temp./Humidity	-10°C to +60°C (+14°F to +140°F) below 70 %RH
Power	6 x 1.5V AAA batteries (supplied)
Dimensions (mm) (H x W x D)	155 x 77 x 37 (with holster); 150 x 72 x 35 (without holster)
Weight (with batteries)	~291g (with holster); ~239g (without holster)



Top view



order code

HH-1314

* Thermocouple sensor(s) not supplied - available separately

** Accuracy stated is for indicator only. The thermocouple sensor inaccuracy should also be considered

