

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)
- °C / °F selectable (HH-512 only: °C / °F / K selectable)
- Clear 4 digit LCD display
- Data hold (HH-512 only: Data hold, Max, Min, Diff T1-T2)
- Auto power off (can be disabled), low battery indicator
- Removable rubber protective holster with flip-out stand
- Supplied with canvas carry case, user manual and batteries

Technical Details	
Input(s)	(HH-511) 1 x Type K Thermocouple (via miniature plug) * (HH-512) 2 x Type K Thermocouple (via miniature plug) *
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
Accuracy **	± (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)
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

Options	Order Code
1 Channel	HH-511
2 Channel	HH-512

HH-717/727 Selectable Input Thermocouple Indicator (1 or 2 Channel) Accepts Thermocouple Types K, J, T, N, E, R, S

Easy to use, hand-held Thermocouple indicator. Available with 1 input channel (HH-717) or 2 input channels (HH-727). Simply connect your thermocouple sensor to the device using a miniature flat-pinned plug. Selectable between thermocouple inputs K, J, T, N, E, R and S.

The units can show all input channels on the screen at once, identified as T1, T2 etc. and have a sampling rate of every 1 second. Robust construction with a clear, easy-to-read, backlit display. The HH-717 and HH-727 have a strong plastic case with a removable rubber protective holster and integrated flip-out stand.

- 1 and 2 Thermocouple input channel options (T1 or T1-T2)
- °C / °F / K selectable
- Backlit 4 digit LCD display
- Polarity indicator, Overload indicator
- Min, Max, Avg and Data hold functions
- Auto power off / low battery indicator
- Removable rubber protective holster with flip-out stand

Technical Details	
Input	1 or 2 x Thermocouple (attached via miniature plug) *
Measurement Range	K, N -100°C to +1300°C (-148°F to +2372°F)
	J -100°C to +1000°C (-148°F to +1832°F)
	T -100°C to +400°C (-148°F to +752°F)
	E -50°C to +800°C (-58°F to +1472°F)
	R, S 0°C to +1700°C (+32°F to +3092°F)
Accuracy **	K, J, T, E ±(0.1% rdg) +0.7°C (-100°C ~ +1300°C) +1.4°F (-148°F ~ +2372°F)
	N ±(0.1% rdg) +1.5°C (-100°C ~ +1300°C) +3.0°F (-148°F ~ +2372°F)
	R, S ±(0.1% rdg) +2°C (0°C ~ +1700°C) +4°F (+32°F ~ +3092°F)
Resolution	0.1°C / 0.1°F, 1°C / 1°F
Sample Rate	Every 1 second
Display	Backlit 4 digit LCD display
Operating Range	Temperature: 0 to +50°C (+32°F to +122°F); Humidity: 0 to 80% RH
Power	4 x 1.5V AAA batteries (supplied)
Dimensions	Without holster: 164mm (H) x 76mm (W) x 32mm (D)
Weight	Without holster: (HH-717) ~278g; (HH-727) ~253g



HH-717 (1 channel) model shown



HH-717 top view



HH-727 top view

Options	Order Code
1 Channel	HH-717
2 Channel	HH-727

* Thermocouple(s) not supplied - available separately

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