

# Digital Thermometer Selection Guide



**HH11B Type K Thermometer**  
 1999 counts resolution  
 Provides: K thermocouple  
 Reading HOLD, MAX/MIN function  
 ITS-90 accuracy:  $\pm 0.1\%$



**HH12B Type K Thermometer**  
 1999 counts resolution  
 Provides: K thermocouple  
 Reading HOLD, MAX/MIN function  
 Dual Input Function T1-T2  
 ITS-90 accuracy:  $\pm 0.1\%$

To Order					
Model No.	HH501AJK	HH501BJK	HH502	HH503	HH506A
Backlit LCD	•	•			•
No. of digits	1999	1999	25000	25000	19999
Input type	J or K	J or K	J or K	J or K	K,J,E,T,R,S,N
Input channel	1	2	2	1	2
Range C°	-50~1370	-50~1370	200~1370	-200~1370	-210~1767
Range F°	-58~1950	-58~1950	-328~2498	-328~2498	-346~3212
Resolution	0.1°/1°	0.1°/1°	0.1°	0.1°	0.1°
F Data/Hold	•	•	•	•	•
E MAX Hold	•	•			
A MAX/MIN w/Elapsed time	•	•	•	•	•
T Relative (zero set)	•	•	•	•	•
U Hi/Lo Limits w/Beeper warning			•	•	•
R Time setting	•	•	•	•	•
E Display	1	1	3	3	3
S T1-T2		•	•		•
Battery (included)	9 V	9 V	9 V	9 V	9 V
Rubber boot	•	•	•	•	•
W/bead wire K-TYPE thermocouple (incl)	1	2	2	1	2
Time watch	•				
RS-232C Optical Interface					
Basic accuracy, (% Rdg)	0.1% +1°C	0.1% +1°C	0.05% +0.3°C	0.05% +0.3°C	0.05% +0.3°C
Auto power-off	•	•	•	•	•

All HH500 series digital thermometers include a **free** protective rubber boot with tilt stand, 9 V alkaline battery and complete operator's manual. Temperature models include 1 or 2 beaded wire thermocouples (1 per channel).

**Note:** RTD units do not come with sensor (Type J, for example, comes with J thermocouple). Multiple thermocouple inputs come with Type K.

**All Thermocouple and RTD Probes Sold Separately.**

## Accessories for Digital Thermometers

Model No.	Description
SC-HH500	Soft carrying case for HH500 series
HH-MAG	Magnet strap hanger for handhelds
SC-GG-(*)-30-36	Extra beaded thermocouple 1 m (40")
KTSS-HH	6" long, 1/8" dia. stainless steel Type K probe, 12" retractable cable (expands to 48") terminating with male subminiature connector
HH-NIST	NIST Certificate, no points
CAL-3-HH	NIST Certificate with points
MN1604	Extra 9V alkaline battery

# All HH500 Series models are dustproof, water/splash resistant, and include power-off feature

HH508	HH506RA	HH509R	HH11B	HH12B
•	•	•		
1999	19999	1999	1999	1999
K,J,E,T, S	K,J,E,T, R,S,N	K,J,E,T, S	K	K
1	2	2	1	2
-210~1767	-210~1767	-210~1767	-50~1300	-50~1300
-346~3212	-346~3212	-346~3212	-58~2000	-58~2000
0.1°	0.1°	0.1°	0.1°/1°	0.1°/1°
•	•	•	•	•
			•	•
•	•	•		
•	•	•		
•	•	•		
•	•	•		
•	•	•		
1	3	1	1	1
	•			•
9 V	9 V	9 V	9 V	9 V
•	•	•	•	•
1	2	1	1	2
•		•		
	and Logging	•		
0.1% +1°C	0.05%	0.1% +1°C +0.3°C	0.3% +1°C	0.3% +1°C
•	•	•	•	•



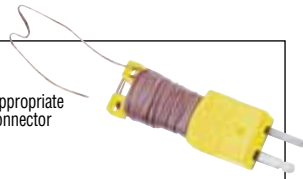
HH501BJK shown smaller than actual size.

HH509 shown smaller than actual size.

### Thermocouple Included!

Thermocouple models include a free 1 m (40") Type K or appropriate alternative beaded wire thermocouple with subminiature connector and wire spool caddy (1 per channel)

**Order a Spare! Model No. SC-GG-(\*)-30-36**



### To Order

Model No.	No. of Inputs	Input Type
HH501AJK	1	J or K
HH501BJK	2	J or K
HH502	2	J or K
HH503	1	J or K
HH506A	2	K/J/E/T/R/S/N
HH508	1	K/J/E/T/S
HH506RA	2	K/J/E/T/R/S/N
HH509	2	K/J/E/T/S
HH509R	2	K/J/E/T/S
HH11B	1	K
HH12B	2	K

**Ordering Example:** HH506RA, handheld thermometer with 2 Type K, J, E, T, R, S, or N input.



Laptop not included.

KMTSS-125G-12 probe, sold separately.

HH506RA dual input thermometer/data logger with RS232C interface. Comes with RS232C cable and software, rubber boot, 2 Type K beaded wire thermocouple, and manual.