High Accuracy Datalogger
Dual Input, Handheld
Thermometer with RS-232C Interface

NEW ®

HH506RA
£97
Dual Input

1 YEAR WARRANTY

Comes with RS-232C cable and software, rubber holster, 2 Type K beaded wire T/Cs, and complete operator's manual.

KHSS-IM30G-RSC-300, £22.75 each, sold separately. See page A-45.

Thermocouple Included
These models include a free 1 m Type K insulated beaded wire thermocouple with subminiature connector and wire spool caddy (one per channel). Order a Spare! Model No. SC-GG-KI-30-1M, £10

✔ **Two Channel Temperature Measuring**
✔ **7 Thermocouple Types**
✔ **Triple Display with Setable Backlight**
✔ **Save Data (128 Samples via Button with Time Stamp)**
✔ **Datalogging (Up to 1024 Samples Interval Set from 1 Second to Hours)**
✔ **Time, Record Interval, APO Time Setting**
✔ **Software Package Included (Cable and Disk, Model HH506RA Only)**
✔ **Two Channel Temperature Measuring**
✔ **°C/°F Switchable**
✔ **0.1 Resolution**
✔ **Water/Splash Resistant, IP65, Dustproof**

All Thermocouple Probes Sold Separately. See Section A for More Probes!

The OMEGA® HH506A is a low cost, feature-packed, portable, digital thermometer that measures K, J, R, S, T, E and N thermocouples. The unit has datalogging capacity in the save mode of 128 samples with time stamp via pressing the save button. In the datalogging mode up to 1024 records may be logged at an interval set from 1 second to 23 hr/59 min/59 sec. Data is stored in 16 groups of 64 records. Easy to use set-up instructions allow the user to measure a broad range of T/Cs, MAX/MIN, AVG, REL, Hold Function, T1/T2. The HH506RA has the HH506A features plus it includes an RS232 interface with Windows software.
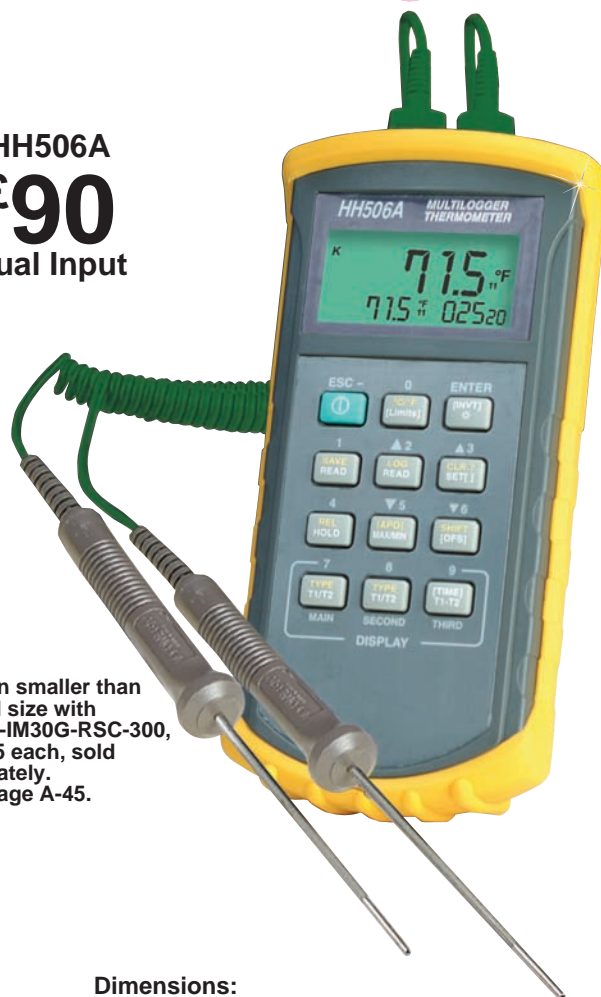
Datalogger Thermometer

Specifications	HH506RA	HH506A
Backlit LCD	✔	✔
No. of Digits	19999	19999
Probe (Type)	K, J, T, E, R, S, N	K, J, T, E, R, S, N
Range	-210 to 1767°C (-346 to 3212°F)	-210 to 1767°C (-346 to 3212°F)
Resolution	0.1/1	0.1/1
Timer	Real-Time	Real-Time
Save/Log	128/1024	128/1024
Input Channel	2	2
Data/Hold	✔	✔
Max/Min	✔	✔
Relative (zero set)	✔	✔
RS-232C	✔	N/A
Software	Compatable with Windows 98; 2000; XP	N/A
Display	3	3
T1-T2	✔	✔
APO (may be disabled Auto Power Off)	✔	✔
Hi/Lo Limits (with beeper warning)	✔	✔
Basic Accuracy (rdg = reading)	±(0.05% rdg + 0.3℃)	±(0.05% rdg + 0.3℃)

HH506A

£90
Dual Input

Shown smaller than actual size with KHSS-IM30G-RSC-300, £22.75 each, sold separately.
See page A-45.

Specifications

Temperature Range:
K Type: (0.1°, 1° for above 2000°F)
  -200 to 1372°C (-328 to 2501°F)
J Type: (0.1°, 1° for above 2000°F)
  -210 to 1200°C (-346 to 2192°F)
T Type: (0.1°) -200 to 400°C
  (-328 to 752°F)
E Type: (0.1°) -210 to 1000°C
  (-346 to 1832°F)
R Type: (1°) 0 to 1767°C (32 to 3212°F)
S Type: (1°) 0 to 1767°C (32 to 3212°F)
N Type: (0.1°, 1° for above 2000°F)
  -50 to 1300°C (-58 to 2372°F)
According to temperature standard ITS-90

Accuracy:
K/J/T/E Type: ±(0.05% rdg + 0.3°C)
  on -50 to 1370°C
  ±(0.05% rdg + 0.7°C) on -50 to -210°C
  ±(0.05% rdg + 0.6°F) on -58 to 2501°F
  ±(0.05% rdg + 1.4°F) on -58 to -346°F
N Type:
  ±(0.05% rdg + 0.8°C) on -50 to 0°C
  ±(0.05% rdg + 0.4°C) on 0 to 1300°C
  ±(0.05% rdg + 1.6°F) on -58 to 32°F
  ±(0.05% rdg + 0.8°F) on 32 to 2372°F
R/S Type:
  ±(0.05% rdg + 2°C) on 0 to 1767°C
  ±(0.05% rdg + 4°F) on 32 to 3212°F
Resolution:
0.1°C/1°C (0.1°F/1°F)

Datalogger Capacity:
  Save Data: 128 samples with time stamp
  Datalogger: 1024 data capacity (interval 1 sec to 23:59:59)

Dimensions:
192 H x 91 W x 53 mm D
(7.6 x 3.6 x 2.2")
Weight: Approx. 255 g (9 oz)

ALL MODELS AVAILABLE FOR FAST DELIVERY!

To Order *(Specify Model Number)*

Model Number	Price	Description
HH506RA	£97	Dual input datalogger/RS232C
HH506A	90	Dual input datalogger

Accessories

Model Number	Price	Description
HH506RA-USB-SW	£20.00	USB cable and software for Win98/NT/2000/XP (Unit comes with RS232 cable & software)
SC-HH500	8.00	Soft carrying case
SC-GG-KI-30-1M	10.00	Extra Type K beaded thermocouple, 1 m
KTSS-HH-IEC	19.50	150 mm long 3 mm diameter stainless steel Type K probe with 300 mm retractable cable [expands to 1.2 m] terminating with mini plug (not shown)
KHSS-IM30G-RSC-300	22.75	Hand-held probe 300 mm long 3 mm dia.
CAL-3-HH	50.00	Traceable calibration certificate
MN1604	2.00	Extra 9 V alkaline battery

*Each unit supplied with 9 V battery, Type K T/C (one per channel), rubber holster, and complete operator's manual. Model **HH506RA** includes software disk and RS232 cable.*
Ordering Example:** **HH506RA** plus **SC-HH500** is a dual input datalogger/RS232C thermometer with a soft case, £97 + 8 = **£105