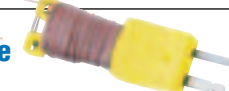


Versatile High Performance Handheld DMM's



- ✓ GS-Mark EN61010-1 Approval, Over-Voltage Category II 600 Vdc/Vac; Pollution Degree II
- ✓ Models: HHM26 and HHM28 Have RS-232 Interface
- ✓ Safety Input Jacks
- ✓ Logic Probe Tester Models: HHM15, HHM20, HHM23
- ✓ Temperature Measurement Models: HHM19, HHM21
- ✓ Accuracy: Stated Accuracy at $23 \pm 5^\circ\text{C} < 75\% \text{ RH}$
- ✓ Battery Life: 200 Hours
- ✓ Dimensions: 192 H x 91 W x 52.5 mm D (7.6 x 3.6 x 2.1")

Thermocouple Included!



Temperature models include a free 1 m (40") type K insulated beaded wire thermocouple with subminiature connector and wire spool caddy (one per channel). **Order a Spare!**
Model No. SC-GG-K-30-36, \$15



Extra Set HHM-TL General use test lead set. High quality design, \$5.



HHM17
\$120

HHM17 Auto-Ranging Multimeter
 3999 counts resolution
 Provides: MEM, READ, REL, HOLD, MAX/MIN
 DC Volt: accuracy $\pm 0.25\%$
 Resistance: $\pm 0.3\%$
 Frequency: $\pm 0.05\%$



HHM18
\$75

HHM18 Capacitance Meter
 1999 counts resolution
 Zero adjustment
 Resistance: $\pm 0.3\%$
 Capacitance: $\pm 0.5\%$
 Frequency: 0.1%
 HHM18-TL Test leads for HHM18



HHM22
\$88

HHM22 Auto-Ranging Multimeter
 3200 counts resolution
 Reading of Data-Hold function
 DC Volt: accuracy $\pm 0.3\%$
 Resistance: $\pm 0.3\%$



HHM23
\$78

HHM23 Rugged Multimeter
 1999 counts resolution
 Reading of Max/Data-Hold function
 DC Volt: accuracy $\pm 0.35\%$
 Resistance: $\pm 0.4\%$; Frequency: $\pm 0.1\%$



HHM24
\$75

HHM24 Rugged Multimeter
 1999 counts resolution
 Reading of Max/Data-Hold function
 DC Volt: accuracy $\pm 0.35\%$
 Resistance: $\pm 0.4\%$
 Capacitance: $\pm 2\%$; Frequency: $\pm 0.1\%$

All multimeters include **free** protective rubber boot with tilt stand, set of safety test leads, 9 V alkaline battery, type K beaded wire thermocouple (temperature models only) and complete operator's manual

ALL UNITS COME WITH RUBBER BOOT AND TEST LEADS

Measures Temperature



HMM19C
for °C
HMM19F
for °F
\$95

HMM19 Rugged Multimeter
1999 counts resolution
Reading of Max/Data Hold function
DC Volt accuracy: $\pm 0.35\%$
Resistance: $\pm 0.4\%$
Frequency: 0.1%
Comes with type K beaded thermocouple

Measures Temperature



HMM20
\$100

HMM20 Auto-Ranging Multimeter
4300 counts circulating record for Max/Min/Avg. and normal
Provides: AUTO-HOLD, Relative and Relative Set
Auto power off to conserve battery life
DC Volt: accuracy $\pm 0.25\%$
Resistance: $\pm 0.3\%$



HMM21
\$105

HMM21 Auto-Ranging Multimeter
4300 counts circulating record for Max/Min/Avg. and normal
Provides: AUTO-HOLD, Relative and Relative Set
Auto power off to conserve battery life
DC Volt: accuracy $\pm 0.25\%$
Resistance: $\pm 0.3\%$
Comes with type K beaded thermocouple

With RS-232 Interface, Software, and Cable



HMM26
\$113

HMM26 Auto-Ranging Multimeter
2500 counts Backlit LCD Display
RS-232C Interface
w/Microprocessor-based DMM
DCV Basic accuracy up to $\pm 0.25\%$
ACV Basic accuracy up to $\pm 0.75\%$

With RS-232 Interface, Software, and Cable



HMM27
\$113

HMM27 Auto-Ranging Multimeter
2500 counts Backlit LCD Display
Resistance accuracy up to $\pm 0.3\%$
w/Microprocessor-based DMM
Frequency resolution up to 0.001 Hz
Frequency accuracy up to $\pm 0.05\%$
DCV Basic accuracy up to $\pm 0.25\%$
ACV Basic accuracy up to $\pm 0.75\%$



HMM28
\$138

HMM28 Auto-Ranging Multimeter
2500 counts, Backlit LCD Display
RS-232C Interface
w/Microprocessor-based DMM
Frequency resolution up to 0.001 Hz
Frequency accuracy up to $\pm 0.05\%$
DCV Basic accuracy up to $\pm 0.25\%$
ACV Basic accuracy up to $\pm 0.75\%$

All multimeters include **free** protective rubber boot with tilt stand, set of safety test leads, 9 V alkaline battery, type K beaded wire thermocouple (temperature models only) and complete operator's manual

High Performance, Rugged, Versatile, Handheld DMM's



HHM11
\$79



HHM11 Rugged Multimeter
1999 counts resolution
DC Volt accuracy $\pm 1.2\%$
AC Volt accuracy $\pm 2.0\%$
DC current accuracy $\pm 2.5\%$
Resistance: $\pm 1.5\%$
Diode test, transistor, battery test

Measures Temperature



Type K beaded wire
T/C included

HHM12 Auto-Ranging Multimeter/Thermometer

1999 counts resolution
DC Volt accuracy $\pm 1.2\%$
AC Volt accuracy $\pm 2.0\%$
Resistance: $\pm 1.0\%$
Diode test, capacitance, continuity,
phase indicator, frequency,
temperature measurement
type K thermocouple

HHM12
\$89



All models shown with
test leads included

Measures Temperature

Type K beaded wire
T/C included

All K Type Models
Supplied with **Yellow**
Rubber Boot; All
Others Are Black

HHM16
\$98



HHM16 Auto-Ranging Multimeter/Thermometer

4300 counts resolution
Provides: MAX/MIN RECORD
continuity, diode test, resistance
DC Volt accuracy $\pm 0.25\%$
AC Volt accuracy $\pm 0.75\%$
DC current accuracy $\pm 2.0\%$
AC current accuracy $\pm 2.5\%$
 $^{\circ}\text{C}/^{\circ}\text{F}$ Switchable
temperature measurement

HHM13
\$49

HHM13 Rugged Multimeter
3200 counts resolution
Analog bargraph,
auto power off, overrange
DC Volt accuracy $\pm 1.2\%$
AC Volt accuracy $\pm 2.0\%$
Diode test, Ohms,
capacitance, continuity



All multimeters include **free** protective rubber boot with tilt stand,
set of safety test leads, 9 V alkaline battery, type K
beaded wire thermocouple (temperature models only)
and complete operator's manual



Extra Set HHM-TL
General use
test lead set.
High quality
design, \$5.



HHM14
\$136



HHM15
\$113



HHM29
\$138

Type K
beaded wire
T/C included

HHM14 True RMS Multimeter
4½ digits 20000 counts Ac Volt
frequency response up to 20 kHz
DC Volt: 0-200 mV/2/20/
200/1000 V ±0.05%
AC Volt: 0-200mV/2/20/200/750 V
±1.5% 50~20 kHz
DC current: 2/20/200 mA
±0.5% 10 A ±2%
AC current: 0-200 mA/2/20/200 mA
±1% 10 A ±2.5%
Resistance:
0-20/200 Ω 1%
2/20/200/2000 kΩ ±0.2%
20 MΩ ±2%
Continuity: < 40 Ω ± 20 Ω
Diode test function
1000 Vdc/750 Vac
overload protection
500 V overload protection
in Diode, Ohm, Continuity
10 A fused protection

HHM15 Rugged Multimeter
3½ digits 3999 counts
DC Volt: 0-400 mV/4/40/400/
1000 V ±0.5%
AC Volt: 0-400 mV/4/40/400/
750V ±1.5%
DC current: 0-40 m/400 mA/10 A ±1.5%
AC current: 0-40 m/400 mA/10 A ±2.0%
Resistance: 0-400 Ω/4/40/400/
4000 kΩ/40 MΩ/4000 mΩ ±1%
Capacitance: 0-4 nF/40 nF/400 nF/
4µF/400 µF ±5%
Inductance: 0-4 m/40 mH/400 mH/
4 H/40 H ±5%
Frequency: auto-ranging
up to 1 MHz±0.5%
Diode test function
Continuity: <40 Ω ±20 Ω
1000 Vdc/750 Vac
overload protection
500V overload protection
in Diode, Ohm, Hz, Continuity
hFE test function
Logic probe function

HHM29 Rugged Multimeter
4300 counts circulating record
for MAX/MIN AVG and normal
Provides: AUTO-HOLD, Relative
and Relative Set
Auto power off to preserve
battery life
DC Volt: 0-430 mV/4.3/43/430/
1000 V ±0.25%
AC Volt: 0-430 mV/4.3/43/430/750 V
±0.75~1.5% (50 Hz~20 KHz)
DC current: 0-430 µA/43 mA±0.5%
430 mA/10 A±2%
AC current: 0-430 µA/43 mA
±1% 430 mA/10A±2.5%
Resistance:
0-430 Ω/4.3/43/430 k/4300 kΩ/
43 MΩ±0.3%
Capacitance: 0-4.3/43/430 nF/
4.3 µF/430 µF±5%
Inductance:
0-4.3/43/430 mH/4.3/43 H ±5
Frequency: 430 Hz/4.3/43/430 kHz ±1%
Temperature:
-20~1370°C -4~2372°F ± 2~3%
Comes with beaded type K
thermocouple
Diode test function
Continuity: < 50 Ω
1000 Vdc/750 Vac
overload protection
500 V overload protection in Diode,
Ohm, Hz, Continuity
Logic probe tester

**Thermocouple
Included!**

Temperature models include a free 1 m (40")
type K insulated beaded wire thermocouple with
subminiature connector and wire spool caddy
(one per channel). **Order a Spare!**
Model No. SC-GG-K-30-36, \$15

**All K Type Models
Supplied with Yellow
Rubber Boot; All
Others Are Black**

Ordering Example: HHM29 Rugged DMM with K type T/C, includes test leads & rubber boot; \$138

All multimeters include **free** protective rubber boot with tilt stand, set of safety test leads, 9 V alkaline battery, type K beaded wire thermocouple (temperature models only) and complete operator's manual.

Every Type of Handheld DMM's

CE HHM30
\$120



HHM30 LCR Multimeter

3½ digits 1999 counts
Resistance: 20 Ω/200 Ω/
 2 kΩ/20 kΩ/200 kΩ/2 MΩ/20 MΩ
Accuracy:
 20 Ω: ± (1.0% rdg + 10 dgts)
 200 Ω: ± (0.3% rdg + 3 dgts)
 2 kΩ to 2 MΩ: ± (0.3% rdg + 1 dgt)
 20 MΩ: ± (2.0% rdg + 2 dgts)
Capacitance:
 200 pF/2 nF/20 nF/
 200 nF/2 μF/20 μF/
 200 μF/2000 μF
Accuracy:
 200 pF to 200 nF:
 ± (1.0% rdg + 3 dgts)
 2 μF to 200 μF:
 ± (2.0% rdg + 3 dgts)
 2000 μF to ≤ 1000 μF:
 ± (3.0% rdg + 3 dgts)
 > 1000 μF:
 ± (5.0% rdg + 5 dgts)
Inductance:
 200 μH/ 2 mH/20 mH/
 200 mH/2 H/20 H/200 H
Accuracy:
 200 μH to 200 mH:
 ± (3.0% rdg + 3 dgts)
 2 H to 200 H:
 ± (5.0% rdg + 10 dgts)

To Order (Specify Model Number)									
	Model No.	HHM11	HHM12	HHM13	HHM26	HHM27	HHM28	HHM17	HHM18
	Price	\$79	\$89	\$49	\$113	\$113	\$138	\$120	\$75
F	Display Counts	1999	1999	3200	2500	2500	2500	3999	1999
E	Range Auto/Manual	M	M	M	A	A	A	A	M
A	Input Impedance MΩ	1	10	10	10	10	10	10	
T	Analog bargraph			•				•	
U	Relative				•	•	•	•	
R	Logic Test								
E	Temperature		C/F						
	Data/Hold				•	•	•	•	•
	MAX/MIN Record							•	
	MAX/HOLD								•
	Capacitance		•	•		•	•	•	•
	Frequency		•			•	•	•	•
	Continuity		•	•	•	•	•	•	•
	Diode test	•	•	•	•	•	•	•	•
	Transistor gain (hFE)	•						•	
	RS-232C				•		•		
DCV	Basic accuracy, %	1.2	1.2	.8	0.25	0.25	0.25	0.25	
	MAX. Resolution, μV	1000	1000	100	100	10	10	100	
ACV	Basic accuracy, %	2	2	2	0.75	0.75	0.75	0.75	
	MAX. Resolution, μV	100	100	100	100	100	100	100	
	Frequency Response, Hz	50 to 500	50 to 500	50 to 500	50 to 500	50 to 500	50 to 500	50 to 20 K	
DCA	Basic accuracy, %	2.5			0.75	0.75	0.75	0.5	
	MAX/Resolution, μA	1000			0.1	0.1	0.1	0.1	
ACA	Basic accuracy, %				1.5	1.5	1.5	1.0	
	MAX. Resolution, μA				0.1	0.1	0.1	0.1	
	Frequency Response				50 to 500	50 to 500	50 to 500	50 to 500	
CX	Basic accuracy, %		4.0	5		3	3	2	0.5
	MAX. Resolution, pF			1		1	1	1	0.1
	MAX. Cap., μF		2 K	32 m		25	25	40	20 m
LX	Basic accuracy, %			1.5	0.3	0.3	0.3	0.3	0.3
	MAX/Resolution, μH			100					
	Max. H			32	25	25	25	40	20
Ω	Basic accuracy, %	1.5	1.5	1.5	0.3	0.3	0.3	0.3	0.3
	Max. Resolution, mΩ	100	100	100	100	100	100	100	10
	Max. mΩ	2	2000	32	25	25	25	40	20
Hz	Basic accuracy, %		.5	1.5		0.05	0.05	0.05	0.1
	Max. Resolution, Hz		1.0			0.001	0.001	0.01	10
	Max Frequency, MHz		100 K			5	5	700 K	15
C° F°	Basic accuracy, %		3						
	MAX. Resolution		1°C/°F						
	Range °C		-20~400						
	Range °F		-4~752						

Ordering Example: HHM16, DMM with type K beaded wire thermocouple, \$98.

Accessories for Multimeters

Model No.	Price	Description
HHM-TL	\$ 5	Extra general test lead set
HHM18-TL	5	Extra test lead set for HHM18
HHM-NIST	55	NIST calibration certificate
SC-GG-K-30-36	15	Extra type K beaded wire thermocouple
MN1604	3	Extra 9V alkaline battery



Where Versatility & Performance Count

ALL MODELS AVAILABLE FOR FAST DELIVERY!

HHM22	HHM23	HHM19C	HHM19F	HHM24	HHM20	HHM21	HHM15	HHM14	HHM29	HHM16	HHM30
\$88	\$78	\$95	\$95	\$75	\$100	\$105	\$113	\$136	\$138	\$98	\$120
3200	1999	1999	1999	1999	4300	4300	3999	19999	4300	4300	1999
A	M	M	M	M	A	A	M	M	A	A	A
10	10	10	10	10	10	10	10	10	10	10	
•											
	•				•	•			•	•	
		°C	°F			°C/°F			°C/°F	°C/°F	
•	•	•	•	•	A-H	A-H			A-H	A-H	•
	•	•	•	•	•	•			•	•	
•	•	•	•	•			•		•	•	•
•	•	•	•	•			•		•	•	
•	•	•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•	•	•
0.25	0.35	0.35	0.35	0.35	0.25	0.25	0.5	0.05	0.25	0.25	
100	100	100	100	100 mV	100	100	100	10	100	100	
1	1	1.5	1.5	1.5	0.75	0.75	1.5	1.0	0.75	0.75	
100	100	100	100	100	100	100	100	10	100	100	
50 to 400	50 to 500	50 to 500	50 to 500	50 to 500	50 to 2 K	50 to 2 K	50 to 500	20 K	50 to 2 K	50 to 2	
0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.5	0.5	2.0	0.5	
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.01	0.1	0.1	
1.5	1.2				1	1	2.0	2.5	2.5	1.0	
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.01	0.1	0.1	
50 to 400	50 to 500	50 to 500	50 to 500	50 to 500	50 to 1 K	50 to 1 K	50 to 500	50 to 500	50 to 500	50 to 1 K	
3	2	2	2	2			5		5		2
10	10	10	10	10			10		1.0		0.1
32	20	20	20	20			400		43		2000
							5		5		3
							1		1		0.1
							40		43		200
0.3	0.4	0.4	0.4	0.4	0.3	0.3	1.0	0.2	0.3	0.3	0.3
100	100	100	100	100	100	100	100	1	100	100	10
32	20	20	20	20	43	43	4000	20	43	43	20
	0.1	0.1	0.1	0.1				0.5	1.0		
	10	10	10	10				1.0	0.1		
	15	15	15	15				1	430K		
		2	2			2			2	0.5	
		1°C	1°F			1°C/°F			1°C/°F	1°C/°F	
		-20~750				-20~1370			-20~1370	-20~850	
			-4~1400			-4~2498			-4~2498	-4~1562	



HHM14



HHM15



HHM29

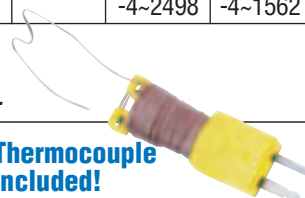
For a selection of thermocouples see Section A.

Ordering Example: HHM21 Auto-ranging DMM with type K thermocouple, \$105.

All multimeters include **free** protective rubber boot with tilt stand, set of safety test leads, 9 V alkaline battery, type K beaded wire thermocouple (temperature models only) and complete operator's manual.

Thermocouple Included!

Temperature models include a free 1 m (40") type K insulated beaded wire thermocouple with subminiature connector and wire spool caddy (one per channel). **Order a Spare!**
Model No. SC-GG-K-30-36, \$15





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