

Clamp-On Digital Multimeters



- ✓ GS-Mark EN61010-1 Approval Voltage Category III 600 V, Pollution Degree II
- ✓ AC/DC Current Clamp
- ✓ Highly Accurate 1999, 2500, 3999, 4300 Counts Resolution
- ✓ MAX, Data Hold, PEAK, Δ ZERO Functions
- ✓ Model HHM592, HHM592D, HHM596, HHM596C, HHM599 with Auto-Ranging Operation
- ✓ Battery Life: 200 Hours
- ✓ Dimensions: 250 H x 100 W x 46 mm D (9.9 x 3.9 x 1.8")
- ✓ Weight: Approx 320 g (10.8 oz)



HHM590
\$75

HHM590 Clamp-On Multimeter
1999 counts resolution
AC current measurement up to 700 A



HHM591
\$114

HHM591 Clamp-On Multimeter
1999 counts resolution
AC current up to 700 A
DC current up to 700 A



HHM591T
\$137

HHM591T Clamp-On Multimeter
1999 counts resolution
AC current up to 700 A
DC current up to 700 A
with EL panel LCD



HHM592
\$120

HHM592 Clamp-On Multimeter
2500 counts resolution
Microprocessor-based DMM
AC current up to 700 A
DCV accuracy up to 0.25%
with EL panel LCD



HHM592D
\$144

HHM592D Clamp-On Multimeter
2500 counts resolution
Microprocessor-based DMM
AC current up to 700 A
DC current up to 700 A
DCV accuracy up to 0.25%
with EL panel LCD

Measures Temperature.



HHM596C
Available with
°C/°F Switchable
Type K
thermocouple:

HHM596
(No temperature
measurement)

\$137

HHM596C
\$148

HHM596/HHM596C AC/DC Clamp-On Multimeter
4300 counts resolution
AC current up to 700 A
DC current up to 700 A
Vac basic accuracy $\pm 1.2\%$
DC current basic accuracy $\pm 1.5\%$
HHM596C with °C/°F switchable Type K thermocouple

**Thermocouple
Included!**

Temperature models include a free 1 m (40") Type K insulated beaded wire thermocouple with subminiature connector and wire spool caddy (1 per channel).

Order a Spare!
Model No. SC-GG-K-30-36, \$15.

All clamp-on meters come with a set of safety test leads, 9 V alkaline battery, Type K beaded wire thermocouple (temperature models only) and complete operator's manual.



HHM598
\$76

HHM598 Clamp-On Multimeter
1999 counts resolution
AC current measurement
up to 700 A
AC current basic accuracy $\pm 1.5\%$

Measures Temperature.



**2 Models
Available for
°C or °F:**

HHM598C
\$92

HHM598F
\$92

HHM598C/HHM598F Multimeter
1999 counts resolution
AC current measurement
up to 700 A
Basic accuracy $\pm 1.5\%$



HHM598T
\$89

**HHM598T AC
True-RMS Clampmeter**
1999 counts resolution
AC current measurement
up to 700 A
Basic accuracy $\pm 1.5\%$



HHM599
\$169

**HHM599 AC/DC
True-RMS Clampmeter**
3 $\frac{1}{2}$ digit 3999 counts
AC current up to 700 A
DC current up to 700 A
DC current accuracy $\pm 1.5\%$
Resistance accuracy $\pm 0.3\%$

Clamp-On Meters Selection Guide



HHM590, \$75.



HHM592, \$120.

To Order (Specify Model Number)

Models		HHM590	HHM591	HHM591T	HHM592	HHM592D
F E A T U R E S	Price	\$75	\$114	\$137	\$120	\$144
	Number of Digits	1999	1999	1999	2500	2500
	Range Auto Manual	M	M	M	A	A
	Input Impedance MΩ	10	10	10	10	10
	Analog Bargraph					
	Relative				•	•
	Backlit EL Panel LCD			•	•	•
	Temperature					
	Peak/Hold					
	Data/Hold	•	•	•	•	•
	MAX/MIN					
	MAX/HOLD		•	•		
	Capacitance				•	•
	Frequency		•	•	•	•
	Continuity	•	•	•	•	•
Diode Test	•	•	•	•	•	
True-RMS			•			
DCV	Basic Accuracy, %	0.5	0.5	0.5	0.25	0.25
	Max Resolution, μV	1 mV	1 V	1 V	100	100
	Basic Accuracy, %	1.2	1.2	1.2	0.75	0.75
ACV	Max Resolution, μV	100 mV	100 mV	100 mV	100	100
	Frequency Response, Hz	50 to 500	50 to 500	50 to 500	50 to 500	50 to 500
	DCA	Accuracy	Basic 1.5%	0~700 A	0~700 A	
Basic 2.0%			700~1200 A	700~1200 A		700~1200 A
	Max/Resolution, μA		0.1	0.1		0.1
ACA	Accuracy	50 to 60Hz 1.5%	0~700 A	0~700 A	0~700 A	0~700 A
		40 to 500Hz 3.5%	0~700 A	0~700 A	0~700 A	0~700 A
		50 to 60Hz 2%, A	700 A	700 A	700 A	700 A
	MAX Resolution, A	0.01	0.01	0.1	0.01	0.1
Basic Accuracy, %				1.75	1.75	
CX	MAX Resolution, μF				1.0	1.0
	MAX Cap mF				25	25
	Basic Accuracy, %				3	3
Ω	MAX Resolution, Ω	100 Ω	1 Ω	1 Ω	100 m	100 m
	MAX Resistance, MΩ	200 KΩ	200 KΩ	200 KΩ	25 M	25 M
	Basic Accuracy, %	1.2	1.2	1.2	0.3	0.3
Hz	MAX Resolution, Hz		1.0	1.0	0.001	0.001
	MAX Frequency, MHz		20 K	20 K	5 M	5 M
	Basic Accuracy	0.1	0.1	0.1	0.05	0.05

Ordering Example: HHM596C, clamp-on meter, \$148.

Accessories for Clamp-On Meters

Model No.	Price	Description
RCC-500	\$12	Hard carrying case
HHM-TL	5	Extra set of test leads
MN1604	3	Extra 9 V alkaline battery

Comes with a set of safety test leads, 9 V alkaline battery, Type K beaded wire thermocouple (temperature models only) and complete operator's manual.

All clamp-on meters come with HHM-TL General use test lead set. High quality design.



Order a spare set, \$5.

MOST POPULAR MODELS HIGHLIGHTED!

HHM596	HHM596C	HHM598	HHM598C/F	HHM598T	HHM599	HHM58	HHM59
\$137	\$148	\$76	\$92	\$89	\$169	\$195	\$129
4300	4300	1999	1999	1999	3999	3999	1999
A	A	M	M	M	A	M	M
10	10	10	10	10	10	10	10
•	•				•	•	
	°C/°F		°C/°F				°C/°F
•	•	•	•	•	•	•	•
A-H	A-H	•	•	•	•	•	•
•	•				•	•	
		•	•	•	•	•	
•	•	•	•	•	•	•	
•	•	•	•	•	•	•	
•	•	•	•	•	•	•	
0.25	0.25	0.5	0.5	0.5	0.25	0.5	0.5
100	100	1V	1V	1V	100	100 μ V	100
1.2	1.2	1.2	1.2	1.2	0.75	1.5	1.2
100	100	100 mV	100 mV	100 mV	100	100 μ V	100
50 to 500	50 to 500	50 to 500	50 to 500	50 to 500	50 to 500	50 to 500	50 to 500
0~700 A	0~700 A				0~700 A	0~1000 A	
700~1200 A	0~700~1200 A				0~700~1200 A		
0.1	0.1				0.1	100	
0~700 A	0~700 A	0~700 A	0~700 A	0~700 A	0~700 A	1000 A	
0~700 A	0~700 A	0~700 A	0~700 A	0~700 A	0~700 A	<800 A	
700 A	700 A	700 A	700 A	700 A	700 A	800~1000 A	0~1000 A
0.1	0.1	0.01	0.01	0.01	0.1	0.1	0.1
					2	1.5	2.0%
					1.0	1.0	
					40	40 μ F	
		1.2	1.2	1.2	0.3	1.5	
100	100	1	1	1	100	0.1 Ω	0.1 Ω
43	43	200	200	200	40	40	2 M
0.1	0.1	0.1	0.1	0.1	0.1	1.0	1.0
0.1	0.1	1.0	1.0	1.0	0.01	0.01	
4.3 K	4.3 K	20 K	20 K	20 K	500 K	400 K	
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1



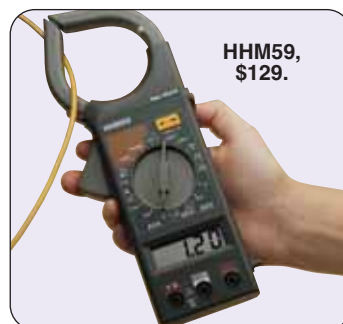
HHM596C, \$148.



HHM598, \$76.

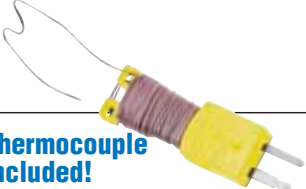


HHM58, \$195.



HHM59, \$129.

Thermocouple Included!



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



UNITED STATES

www.omega.com
1-800-TC-OMEGA
Stamford, CT.

CANADA

www.omega.ca
Laval(Quebec)
1-800-TC-OMEGA

GERMANY

www.omega.de
Deckenpfronn, Germany
0800-8266342

UNITED KINGDOM

www.omega.co.uk
Manchester, England
0800-488-488

FRANCE

www.omega.fr
Guyancourt, France
088-466-342

CZECH REPUBLIC

www.omegaeng.cz
Karviná, Czech Republic
596-311-899

BENELUX

www.omega.nl
Amstelveen, NL
0800-099-33-44



More than 100,000 Products Available!

• Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Glass Bulb Thermometers, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders Relative Humidity Measurement Instruments, RTD Probes, Elements and Assemblies, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples Thermowells and Head and Well Assemblies, Transmitters, Wire

• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters