



Heavy-Duty Industrial Multimeters

Waterproof (IP67) Rugged Design for Heavy-Duty Use

HHM-EX500 Series



Optional†

- ✓ CAT IV-600V Safety Rating for Industrial Applications
- ✓ 1000 V Input Protection on All Functions
- ✓ Dual Sensitivity Frequency Functions
- ✓ Large Backlit LCD
- ✓ Diode Open Circuit Voltage of 2.8 Vdc
- ✓ Auto Power Off with Disable Feature

HHM-EX505 (True RMS)

- ✓ 4000 Count
- ✓ 0.5% Accuracy
- ✓ Data Hold and Relative
- ✓ 10 A Max Current

HHM-EX520 (True RMS)

- ✓ 6000 Count—High Resolution
- ✓ 0.09% Accuracy
- ✓ Min/Max/Relative/ Data Hold
- ✓ 20 A Max Current

HHM-EX530 (True RMS)

- ✓ 40,000 Count—Highest Resolution
- ✓ 0.06% Accuracy
- ✓ Min/Max/Relative/ Data Hold
- ✓ 20 A Max Current
- ✓ Peak Hold (AC Only)

The OMEGA® HHM-EX500 Series are versatile multimeters. It offers a diode test, large backlit LCD, auto power off with disable feature and CAT IV-600V safety rating for industrial applications.



HHM-EX505

All models shown smaller than actual size.



HHM-EX520



HHM-EX530

Free Thermocouple Included!

These 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

† Refer to ordering chart on next page for NIST calibration details.



Specifications	HHM-EX505	HHM-EX520	HHM-EX530
Display Counts	4000	6000	40,000
Averaging/True RMS	True RMS	True RMS	True RMS
Basic Accuracy	0.5%	0.09%	0.06%
DC/AC Voltage	0.1 mV to 1000 Vdc 0.1 mV to 1000 Vac	0.1 mV to 1000 Vdc 1 mV to 1000 Vac	0.01 mV to 1000 Vdc 0.01 mV to 1000 Vac
DC/AC Current	0.1 μ A to 10A	0.1 μ A to 20A	0.01 μ A to 20A
Resistance	0.1 Ω to 40M Ω	0.1 Ω to 60M Ω	0.01 Ω to 40M Ω
Capacitance	0.01 nF to 100 μ F	0.01 nF to 1000 μ F	0.001 nF to 40 mF
Frequency (Electrical)	5 Hz to 1 kHz	10 to 400 Hz	40 to 400 Hz
Frequency (Electronic)	0.001 Hz to 10 MHz	0.001 Hz to 40 MHz	0.001 Hz to 100 MHz
Temperature	-20 to 750°C (-4 to 1382°F)	-45 to 750°C (-50 to 1382°F)	-45 to 750°C (-50 to 1382°F)
Duty Cycle	0.1 to 99.9%	0.1 to 99.9%	0.1 to 99.9%
Diode/Continuity	Yes	Yes	Yes
Power	9V battery (included)	9V battery (included)	9V battery (included)
Dimensions	184 x 83 x 57 mm (7.25 x 3.25 x 2.25")	184 x 83 x 57 mm (7.25 x 3.25 x 2.25")	184 x 83 x 57 mm (7.25 x 3.25 x 2.25")
Weight	349 g (12.3 oz)	349 g (12.3 oz)	349 g (12.3 oz)

To Order Visit omega.com/hhm-ex500 for Pricing and Details

Model No.	Description
HHM-EX505	True RMS industrial multimeter (4000 count)
HHM-EX520	True RMS industrial multimeter (6000 count)
HHM-EX530	True RMS industrial multimeter (40,000 count)
CAL-3-HHM [†]	NIST-traceable calibration

Comes complete with double molded test leads, magnetic hanging strap, Type K bead wire temperature probe, carrying case, 9V battery, and operator's manual.

Ordering Example: HHM-EX505, True RMS industrial multimeter (4000 count).