400 A Dual Input Clamp Meter
With Non-Contact Infrared Thermometer and Voltage

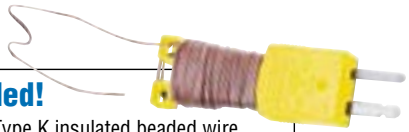
HHM-EX623

3 YEAR WARRANTY

- True RMS Measurements for Accurate AC Voltage and Current Measurements
- Dual Type K Thermocouple Input with Differential Temperature Function (T1, T2, T1-T2)
- Built-In Non-Contact Voltage Detector with LED Alert
- DC µA Multimeter Function for HVAC Flame Rod Current Measurements
- Data Hold Plus Fast Peak Hold of Current Surges During Motor Startup
- 40,000 Count Multimeter Functions for DC Voltage, Resistance, Capacitance, and Frequency for High Resolution Over Wider Ranges
- Measures Motor Capacitors to 40,000µF
- 32 mm (1.25") Jaw Opening for Conductors up to 500MCM
- Rugged Double Molded Housing
- Auto Power Off with Audible Alert and Disable Function
- Autoranging with Manual Override
- Built-In Non-Contact Infrared Thermometer with Laser Pointer for Locating Hot Spots
- 8 to 1 Distance to Target Ratio
- DC Current Function Ideal for Automotive, Heavy Equipment and Marine Applications

HHM-EX623 shown actual size.

The HHM-EX623 is a True RMS Clamp Meter with built-in dual thermocouple inputs for T1, T2, and T1-T2 differential temperature measurement and non-contact infrared thermometer. This meter measures AC Current, DC current, AC/DC voltage, resistance, capacitance, frequency, diode test, duty cycle and continuity and also features a non-contact voltage detector. The double molded case is designed for heavy-duty use. This meter is shipped fully tested and calibrated, and with proper use, will provide years of reliable service.



FREE Thermocouple Included!

All models include a free 900 mm (36") Type K insulated beaded wire thermocouple with subminiature connector and wire spool caddy.
Order a Spare! Model No. SC-GG-K-30-36

Dual Type K inputs for taking differential temperature readings needed for superheat measurements.

Built-in infrared thermometer for quick and safe non-contact temperature measurements. Find hot spots fast!

SPECIFICATIONS

AC/DC Current: 400.0A
Max Resolution: 10 mA
Basic ACA Accuracy: ±1.5%
AC/DC Voltage (Max Resolution):
600V (0.1 mV)/600V (0.01 mV)
DC µA Current : 4000 µA (0.01 µA)
Resistance (Max Resolution): 40.000 MΩ (0.01Ω)
Capacitance (Max Resolution): 10pF to 40,000µF (0.01nF)
Frequency (Max Resolution): 40 MHz (0.001Hz)
Temperature (Type K): -58 to 1832°F (-50 to 1000°C)
Duty Cycle: 0.5 to 99.0%
Temperature Infrared (IR): -50 to 270°C (-58 to 518°F)
IR Spectral Response: 6 to 16 µm
IR Emissivity: 0.95 fixed
IR Distance Ratio: 8:1
Laser Pointer: Class 2 laser < 1mW power; wavelength is 630 to 670 nm
Clamp Jaw Opening: 32 mm (1.25") approx.
Display: Dual 40,000/4000 count backlit LCD
Non-Contact Voltage: 100 to 600 Vac
Continuity Check: Threshold 50 Ω; test current < 0.5mA
Diode Test: Test current of 0.3 mA typical
Open Circuit Voltage: 2.8 Vdc typical

Low Battery Indication: Battery symbol is displayed
Over-Range Indication: 'OL' display
Measurement Rate: 2 readings per second, nominal
Peak Detector: >1ms
Fuse: 500 mA, ceramic fast blow
Input Impedance: 10M Ω (Vdc and Vac)
AC Bandwidth: 50 to 400 Hz (Aac and VAC)
AC Response: True RMS (Aac and Vac)
Crest Factor: 3.0 in 40A and 400A ranges, 1.4 in 1000A range (50/60 Hz and 5% to 100% of range)
Operating Temperature: 5 to 40°C (41 to 104°F)
Storage Temperature: -20 to 60°C (-4 to 140°F)
Operating Humidity: Max 80% up to 31°C (87°F) decreasing linearly to 50% at 40°C (104°F)
Storage Humidity: <80%
Operating Altitude: 2000 m (7000') maximum
Battery: One (1) 9V battery included (NEDA 1604)
Auto Power Off: After approx. 30 minutes, with disable
Dimensions: 229 H x 80 W x 49 mm D (9 x 3.1 x 1.9")
Weight: 303 g (10.7 oz)
Safety: For indoor use and in accordance with the requirements for double insulation to IEC1010-1 (2001): EN61010-1 (2001) Overvoltage Category III 600V and Category II 1000V, Pollution Degree 2

To Order

Model No.	Description
HHM-EX623	Built-in dual thermocouple inputs for T1, T2, and T1-T2 differential temperature measurement

Comes complete with CAT III-600 V, double molded, test leads, 9V battery, two general purpose Type K bead wire probes, carrying case and operator's manual.

***Ordering Example: HHM-EX623,** built-in dual thermocouple inputs for T1, T2, and T1-T2 differential temperature measurement*