Multimeter/Data Logger
With Wireless PC Interface

NEW

HHM-EX540

3 YEAR WARRANTY C E FC IP67 **RoHS** NIST
Optional

- ✔ **True RMS Measurements for Accurate AC Voltage and Current Measurements**
- ✔ **AC/DC Voltage and Current, Resistance, Capacitance, Frequency (Electrical/ Electronic), Temperature, Duty Cycle, Diode/Continuity**
- ✔ **Double Molded for Waterproof (IP67) Protection, Cat IV-600V Safety Rating for Industrial Applications**
- ✔ **Data Acquisition Mode for Real-Time Data Transmission Directly to Your PC**
- ✔ **1000V Input Protection on All Functions**
- ✔ **Dual Sensitivity Frequency Functions**
- ✔ **Large Triple LCD**
- ✔ **Complete with Double Molded Test Leads, Magnetic Hanging Strap, Type K Probe, Remote Receiver with USB Cable, PC Software, Carrying Case, and 9V Battery**
- ✔ **Wireless Frequency (914 MHz) is Suitable for Use in US, Canada, Mexico, and Select Other Countries**

The TRODEX® HHM-EX540 Series is a versatile wireless data logger/multimeter. In addition, it offers a diode test, large backlit LCD, auto power-off with disable feature and CAT IV-600V safety rating for industrial applications. The unit is able to data log up to 9999 readings and with the wireless USB interface has the capability to transmit readings to your PC real-time.

Specifications
Basic Accuracy: 0.06%
DC/AC Voltage: 0.01mV to 1000 Vdc; 0.01mV to 1000 Vac
DC/AC Current: 0.01µA to 20A
Resistance: 0.01Ω to 40M Ω
Capacitance: 0.001nF to 40 µF
Frequency (Electrical): 40 Hz to 4 kHz
Frequency (Electronic): 0.001 Hz to 100 MHz
Temperature: -45 to 750°C (-50 to 1382°F)
Duty Cycle: 0.1 to 99.90%
Diode Test: Test current of 0.9 mA maximum, open circuit voltage 2.8 Vdc typical
Storage Capacity: 9999 records
RF Transmit Distance: 10 m (32.8') (approx)
Transmitter Frequency: 915 MHz

HHM-EX540 shown actual size.

Continuity Check: Audible signal will sound if the resistance is less than 35Ω (approx.), test current <0.35 mA
Peak Captures: Peaks >1ms
Temperature Sensor: Requires Type K thermocouple
Input Impedance: >10M Ω Vdc and >9M Ω Vac
AC Response: True RMS
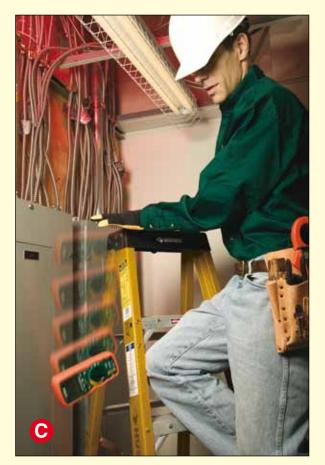**ACV Bandwidth:** 50 to 1000 Hz
Crest Factor: ≤3 at full scale up to 500V, decreasing linearly to ≤1.5 at 1000V

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A. Continuous wireless data transmission from meter to your PC in real time.

B. Waterproof IP67 for the most extreme operating conditions.

C. Drop-proof to 1.8 m (6'), built tough with double molded housing.

Display: 40,000 count, backlit, liquid crystal with bargraph

Overrange Indication: "OL" is displayed

Auto Power Off: 15 minutes (approximately) with disable feature

Polarity: Automatic (no indication for positive); minus (-) sign for negative

Measurement Rate: 2 times per second, nominal

Low Battery Indication: Displayed if battery voltage drops below operating voltage

Battery: One 9V (NEDA 1604) battery (Included)

Fuses: mA, µA ranges; 0.5A/1000V ceramic fast blow A range; 10A/1000V ceramic fast blow

Operating Temperature: 5 to 40ºC (41 to 104ºF)

Storage Temperature: -20 to 60°C (-4 to 140°F)

Operating Humidity: Max 80% up to 31ºC (87ºF) decreasing linearly to 50% at 40ºC (104ºF)

Storage Humidity: <80%

Operating Altitude: 2000 m (7000') maximum

Weight: 349 g (12.3 oz) (includes holster)

Dimensions: 187 x 81 x 50 mm (7.36 x 3.2 x 2.0") (includes holster)

Safety: This meter is intended for origin of installation use and protected, against the users, by double insulation per EN61010-1 and IEC61010-1 2nd Edition (2001) to category IV 600V and category III 1000V; pollution degree 2

Enclosure: Double molded, waterproof (IP67)

Shock (Drop Test): 2 m (6.5')

To Order

Model No.	Description
HHM-EX540	Multimeter/data logger with wireless PC interface (915 MHz)
HHM-EX542	Multimeter/data logger with wireless PC interface (433 MHz)
CAL-3-HHM	NIST-traceable calibration

Comes complete with double molded test leads, magnetic hanging strap, Type K bead wire temperature probe, remote receiver with USB cable, Windows® compatible software, 9V battery, hard carrying case, operator's manual.

***Ordering Example: HHM-EX540,** multimeter/data logger with wireless PC Iinterface (915 MHz).*