EXTECH INSTRUMENTS

PRODUCT DATASHEET

EX850 TRMS 1000A AC/DC Clamp Meter for Android™





Monitor Readings via Bluetooth®

Clamp meter transmits readings to Android smartphones and tablets

View key electrical readings taken by the EX850 at a safe distance on your Android device. Power up equipment from remote switches or use your Android to show readings to a customer/manager.

ANDROID APP ON Google play

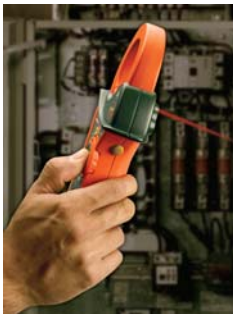
Download the Extech ExView™ EX850 App at play.google.com

Features

- Integrated Bluetooth® connects with most Android devices to transmit readings for remote viewing
- Works with free Android App to display large, easy-to-read values for: AC/DC voltage, AC/DC current, capacitance, resistance, frequency, diode test, and temperature (Type-K & infrared), up to 30' (10m) away
- Non-contact IR Thermometer design with laser pointer
- CAT IV safety rating for industrial applications
- True RMS Current and Voltage measurements
- Peak hold captures inrush currents and Transients
- 1.7" (43mm) jaw opening for conductors up to 750MCM or two 500MCM
- 4000 count backlit display
- Autoranging with manual range button
- Data Hold, Min/Max and Auto Power off
- Complete with CAT IV test leads, 9V battery, general purpose Type K probe, and pouch case

See back page for meter specifications





CAT IV -600V safety rating for added protection and True RMS feature gives you accurate readings of non-sinusoidal waveforms. Built-in IR Thermometer with laser pointer is an excellent troubleshooter for locating hot spots and overheating motors.

Android & Google Play are trademarks of Google Inc. The Android robot is reproduced or modified from work created and shared by Google and used according to terms described in the Creative Commons 3.0 Attribution License.

Specifications subject to change without notice. Copyright © 2012-2013 FLIR Systems, Inc. All rights reserved including the right of reproduction in whole or in part in any form.
Rev. 11/15/13





Specifications	Range	Basic Accuracy
AC/DC Current	0.1 to 1000A	±2.8%
AC/DC Voltage	0.1mV to 1000V	AC: ±1.5%; DC: ±2.8%
Resistance	0.1 to 40MΩ	±1.5%
Capacitance	0.001nF to 40,000µF	±3.0%
Frequency	0.001kHz to 4kHz	±1.5%
IR Temperature	-58 to 518ºF (-50 to 270ºC)	±2.0% rdg or ±4ºF/±2ºC
Type K Temperature	-4 to 1400ºF (-20 to 760ºC)	±(3%rdg+9°F/5ºC)
Continuity	Yes	
Inrush	Yes	
Diode	Yes	
Dimensions/Weight	10.6x4.3x2" (270x110x50mm)/ 13.6oz (386g)	

Ordering

EX850 ..... True RMS 1000A AC/DC Clamp Meter for Android™

Specifications subject to change without notice. Copyright © 2012-2013 FLIR Systems, Inc. All rights reserved including the right of reproduction in whole or in part in any form.