



TECHNICAL DATA

Specifications

AC Voltage	
Range:	10 to 600V
Accuracy:	$\pm(2.0\% \text{ rdg} + 1V)$
Resolution:	0.1V
AC Current	
Range:	15 to 200A
Accuracy:	$\pm(2.0\% \text{ rdg} + 1A)$
Resolution:	0.1A
General Specifications	
Channels:	Dual channel, TRMS AC Voltage or Current
Display:	Dual LCD
Min/Max:	Yes
Datalogging Capabilities:	Yes
Real-Time Clock and Date Stamp:	Yes
Selectable Sampling Rate:	1 sec to 24 hours
Max Datapoints:	256,000
Auto Shut-off:	Yes (after 5 mins of inactivity)
Low Battery Indicator:	Yes
Clamp Jaw Opening:	0.5" (12.7mm)
Power Supply:	4 AAA Batteries or AC Adapter
Battery Life:	Sampling Time Dependent
PC Connectivity:	USB Cable
Software:	Yes (Included)
Software OS Compatibility:	Windows XP / Vista / 7 / 8
Overvoltage Category:	CAT. III 600V
Product Certifications:	CE
Operating Temperature:	0 to 122°F (0 to 50°C)
Storage Temperature:	-4 to 140°F (-20 to 60°C)
Operating Humidity Range:	10 to 75%
Dimensions:	4.5 x 2.5 x 1.3" (114 x 63 x 34 mm)
Weight:	8.7oz (248g)

Features

- Datalog up to 256,000 AC voltage and current measurements
- Dual input measures 2 voltage/current measurements or 1 of each
- LCD simultaneously displays time/date, current readings and Max/Min readings
- User adjustable sample rate from 1 sec to 24 hrs
- High and low alarms
- Download measurements via USB interface and analyze results with included software
- Magnetic back allows instrument and sensors to be secured firmly in a variety of locations
- Low battery indicator and auto shut off
- Includes two AC current clamp sensors, two voltage sensors, four large alligator clips, four basic test probes, USB cable, software, AC adapter and batteries

Model	Description
R5003	TRMS AC Voltage/Current Datalogger
FC-105	Test Probe Set, Banana Style
FC-A23	Alligator Clip Set, Large
R8888	Deluxe Hard Carrying Case
R5003-NIST	TRMS AC Voltage/Current Datalogger & NIST