

OVERVIEW

The Multi-Pro 2000 (PN: 560) is a full featured, compact portable analyzer designed for the testing electrical safety of medical devices. The analyzer tests to US standards (ANSI/AAMI ES1, NFPA 99) or international standards IEC60601-1 by user selectable patient loads.

It is compact, lightweight and user friendly unlike any other safety analyzer in the market. The Analyzer is a measurement device as well as a waveform simulator. The Analyzer is capable of saving over 5000 test records and can be uploaded to a PC for printing and record keeping using the software shipped with the unit. Optional stand alone "Equipment Maintenance Software" is also available for the PC s.

The Analyzer is designed to be used for the quick and easy measurement of the following functions.

★ **Compact** ★ **Easy to Use** ★ **Best Value**



MEASURES

- Line Voltage
- Equipment Current
- Polarity Check
- Chassis (Enclosure) Leakage
- Ground Wire (Earth) Leakage
- Point to Point Leakage
- Ground Wire Resistance
- Patient Leads Leakage
- Patient Isolation Leakage

PRODUCT HIGHLIGHTS

- Compact, Light weight, Rugged.
- Plasma display for easy reading.
- Menu driven and easy to use
- Data storage up to 10,000 records.
- 12 Lead ECG and Performance Waveforms
- Test results can be uploaded to the PC and print using the ProPrint software (included).

Ordering Information

Part No:

560-110 : New MultiPro 2000 Electrical Safety Analyzer (110V)
 560-220 : New MultiPro 2000 Electrical Safety Analyzer (220V)

Standard Accessories:

B17-450 : Hard Carrying Case
 552-110 : Power Cord (110V)
 552-220 : Power Cord (220V)
 553 : Kelvin Cable
 503 : Test Lead Cable (set of 2)
 250-RS232-USB : RS 232 USB Serial Adapter
 152345 : Unit to PC 9 Pin F-F Cable

SPECIFICATIONS

Measurement mode: True RMS
Test Load: AAMIES1 or IEC6061
Line Voltage: 300 V Max, Accuracy 2%
Leakage Current: 0-99 and 100 -2000 Micro Amps
Power cord resistance: 0-99, 100 to 2400 Milliohms,
Accuracy: +/- 2% of reading +2 Milliohms.
Line Voltage Measurement: 90 to 255 V rms
Device Current:0.1 A (RMS) to 20 A,
Accuracy: +/- 2% of reading +0.1A
Simulator Function:
 ECG (Normal Sinus), rates 30 to 300 BPM
Accuracy: +/- 1% +1BPM
 Amplitude: 0.1 mV to 4.5mV
Accuracy:+/- 5% of reading
Performance Waveforms:
SINE, SQUARE, TRIANGLE, PULSE
Amplitude: same as NSR
Rates: 0.1 to 0.5Hz, 1 to 9Hz, 10 to 60 Hz
Physical Dimensions:
Size: 10.25" x6.25" x 2.5"
Weight: 4 Lbs
Power: 110 Volts, 60 Hz (PN 560-110),
 220 Volts, 50 Hz (PN 560-220)

