



Advantages of the MicroMed PD-8K, Electrosurgical Probe Insulation Detector

Battery Pack

The snap-in battery pack provides.....

- a ten (10) hour charge.
- the ability for the operation of the unit while the battery is charging.
- the ability for the unit to be portable and light weight.
- snap-in and snap-out capability for easy replacement.

Voltage Control

Changes the voltage output so.....

- the unit can be easily and quickly adjusted for different *types* and material *thicknesses*.
- the unit is capable of testing disposable and reusable electrosurgical instruments.
- the unit can be used to test various wire gauges on wires and cables used throughout the hospital.

Test button

Provides the operator.....

- with a quick assurance that the unit is operating by providing a beep and the flash of the LCD display.

Color coded cable plugs

The ground and electrode cables used....

- have different colors so that interchanging them is virtually impossible.
- easily plug into the base unit's body with assurances that electrical sparks will be reduced

Visual and Audible Alarms

Multiple alarms on the unit provide....

- the ability to distinctively hear and see when a defect (i.e. pinhole or crack) is found in the insulation.
- the ability to carefully move either the brush or ring electrode completely over the product under test without the concern of missing the defect.
- the user with the knowledge that the unit is functioning.

Light Weight

Allows the unit

- to be portable so that it can easily be used throughout the hospital or at multiple stations.
- to be transported by almost anyone.
- to be compact but durable.

LCD Display

Provides the user with a clear indication of:

- the status of the battery
- the test voltage selected

Ring/Brush Electrode

Allows the user to test:

- Electrosurgical "rod" instruments
- Electrosurgical Tools (i.e. bipolar forceps)

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