

Model 870 mA, mAs, and exposure time Meter

The Model 870 is a solid-state, digital instrument designed to assess the performance of medical x-ray generators. This instrument measures and displays mA, mAs, and exposure time for each x-ray exposure and can be used to test dental, radiographic, and fluoroscopic x-ray units. This is a new state of the art instrument with many advanced features. For example, entering correction factors for different types of x-ray waveforms is not required since the Model 870 has the capability of automatically determining the type of x-rays being measured. In addition mA, mAs and exposure time are displayed and stored for each x-ray exposure further minimizing the number of x-ray exposures.



Typical Applications

- Check x-ray tube filament emission by measuring mAs value of exposure
- Check and adjust mA settings
- Verification of x-ray exposure time
- Calibration of x-ray timer
- Quality Assurance
- Analyze x-ray malfunctions

Features

- Small hand held size
- Measure current from any x-ray unit
- Self-Resetting
- Battery Operated
- Two Year Warranty
- Built in measurement of battery
- Displays mA, mAs and exposure time for each reading
- Easy to use

Specifications

- 5 to 200 mA and 0.2 to 2A Full Scale
- 1 mA Resolution (mA or mAs)
- 1% +/- 2 mA accuracy, all ranges
- Tip Jacks
- Test leads with two alligator clips
- 0.22" (5.5mm) LCD
- 2 line, 12 Character Alphanumeric
- Displays mA, mAs and Exposure time for each exposure.
- 9 volt battery, accessible from bottom of case
- 2 year warranty
- 80 x 147 x 40 mm, 3.15 x 5.8 x 1.6 inches
- 250 g, (0.55 lb)
- Recalibrate annually