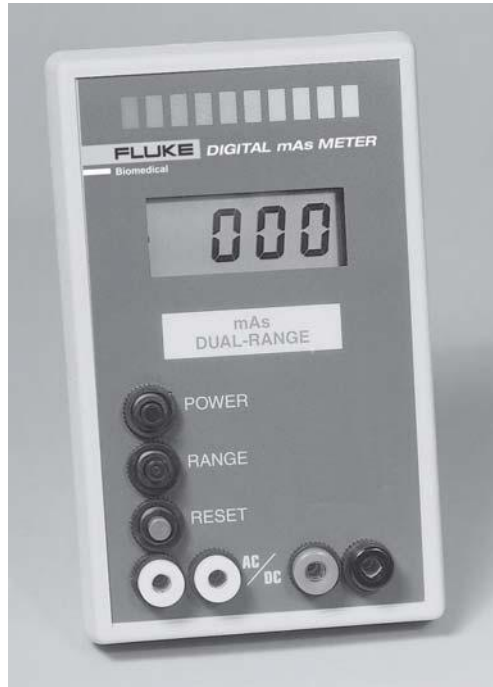


Dual-Range Digital mAs Meter

Nuclear Associates Model 07-487

- Accurately measure x-ray generator mAs values
- Meets today's QC needs for accuracy and dependability
- Used for calibration of high current and phototimer accuracy
- Calibrated directly in mAs; no calculations required
- Hand-held, battery operated, and lightweight



Applications

The greatest use for the Nuclear Associates' Model 07-487 mAs meter is in calibrating the high-current, short-time station where a conventional mAs meter is precluded by tube ratings. The instrument can be used (after verifying the generator accuracy) to set all mA stations and check that phototiming error does not exceed the limits of good practice. To use, simply connect the cable to the x-ray generator and make the required exposure. The mAs reading appears instantaneously on the four-digit LCD. A display indicator warns of the need for battery replacement.

Introduction

The Nuclear Associates' Dual-Range Digital mAs Meter, Model 07-487, allows service personnel to check and adjust the mA settings of x-ray generators. This easy-to-use instrument is calibrated directly in mAs, thus eliminating the need for the calculations typically required with more complicated and expensive equipment.

The digital mAs meter is very sensitive. It can measure increments of 0.1 mAs. It has a low range of 0 to 199.9 mAs; push a button and the range expands to 0 to 1999 mAs.

Specifications

Range 0 to 199.9 mAs ("+" overrange indicator above 160 mAs). Also 0 to 1999 mAs ("+" overrange indicator above 1600 mAs)

Accuracy $\pm 2\%$ of reading

Input 25 to 1000 mA

Drift Zero

Operating temp. 50° to 100°F (15° to 30°C)

Controls POWER (on/off), RANGE (high-low), and RESET

Power requirements Single 9 V alkaline battery; typical life 80 hours

Input jack Uses 2 banana jacks

Dimensions 3.50 (w) x 6.63 (d) x 1.38 in (h) (8.9 x 16.8 x 3.5 cm)

Weight 0.44 lb (0.2 kg)

Accessories supplied 24 inch cable with banana plugs and insulated alligator clips on opposite ends

Available model(s)

07-487 Dual-Range Digital mAs Meter

CE Tested. Meets applicable standards.

For more information, receive our full product catalog, or order online, contact **Radiation Management Services** business of **Fluke Biomedical**: 440.248.9300 or www.flukebiomedical.com/rms.

Specifications are subject to change without notice.

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