



## Dual-Range mAs Meter

**GAMMEX MA0396**

The Digital mAs Meter is an accurate, low-cost instrument that allows service personnel and biomedical engineers to check and adjust the mA settings of x-ray generators. This easy-to-use device is calibrated directly in mAs, thereby avoiding the calculations required with more complicated (and expensive) calibration equipment. The Dual-Range mAs Meter Gammex MA0396 is very sensitive - it can measure increments of 0.1 mAs. It has a low range of 0 to 199.9 mAs; and a high range of 0 to 1999 mAs.

This meter excels in calibrating the high-current, short-time station where a conventional mAs meter is

precluded by tube ratings. This instrument can be used (after verification of generator timing accuracy) to set all mA stations and verify that photo-timing 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 4 digit LCD. A display indicator warns of the need for battery replacement. The small size and light weight make it convenient to carry around in a pocket or tool kit.

*Note: This is an invasive test which requires connection to the generator circuit.*

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*Gammex*



*continued from front...*



## SPECIFICATIONS

- Range . . . . . 0 to 199.9 mAs (“+” overrange indicator above 160 mAs)  
0 to 1999 mAs (“+” overrange indicator above 1600 mAs)
- Accuracy . . . . .  $\pm 2\%$  of reading,  $\pm 0.2$  mAs
- Drift . . . . . Zero
- Display . . . . . 4 Digit LCD
- Input . . . . . 25 to 1000 mA
- Operating  
Temperature. . . . . 15 to 30° C (50 to 100° F)
- Input Jack . . . . . Uses two banana jacks
- Accessories  
Supplied . . . . . 24 inches of cable with banana plugs on one end and insulated alligator clips on the other
- Controls. . . . . Power (ON/OFF), Range (high-low), Reset
- Power . . . . . Single 9 V Alkaline Battery (included)
- Size. . . . . 3.5x8.9x16.8 cm (1.4x3.5x6.6 in)
- Weight. . . . . 198 g (7 oz)