QUART didoMAS

Advanced mA/mAs and Time Measurements

QUART didoMAS

Advanced Technology and Improved Methodology

The *QUART didoMAS* meter is designed for easy and very precise current and current-time product measurements.

The *QUART didoMAS* meters automatically set the range of measurement. No pre-setting is required for direct reading of mA, mAs and time parameters.

The meters can be used throughout the complete range of radiographic equipment including fluoroscopic or mammography exposures.

The method of measurement is invasive into the circuit. That delivers the most reliable and reproducible results.

The *didoMAS* is equipped with a backlit display to assure swift readings even in darkened environments. To provide the ability to track generator characteristics, the mAs is refreshed continuously on the meter display while the measurement is running.

The meter is powered by a rechargeable battery. One charge is sufficient to last approximately 80 hours of continuous use. Recharging the meter until full takes only between 3 – 4 hours. A warning will appear on the display when the battery is running low.

Special Features

The meter features an extra-long cable between the base and the detector unit. A customised cable for the connection between detector head and circuit is included in the delivery.

The connection between circuit and the detector unit is polarity independent. The mA is refreshed and displayed every second.

TECHNICAL SPECIFICATIONS

Temp. Range	15 - 35°C	
Storage Range	-10 - 65°C	
Environmental	Humidity 20-75% / Air Pressure 20g/m^3	
Weight	Base unit:	180g
	Detector unit:	120 g including cable
Size	Base unit:	17.0 x 7.0 x 4.5 cm (LxWxH)
	Detector unit:	4.7 x 3.0 x 4.0 cm (L x W x H)

QUART didoMAS

mAs		0.001 - 9999 mAs
	Uncertainty:	+/- 0.01 mAs or 1 %
mA		0.1 - 999 mA
	Modes (3):	Refresh (per second) during exposure
		Maximum current
		Average current
	Uncertainty:	+/- 0.1 mA or 0.5 %
Exposure Time		1.0 ms – 300 s
	Mode:	Duration of current flow
	Uncertainty:	± 1.0 ms (for rectangular signal)

QUART
Quality Assurance in Radiological Technologies