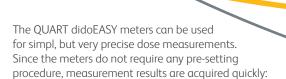
Product Datasheet

QUART didoEASY MR

Precision Dosimeter for R+F, Dental and Mammography

The QUART didoEASY MR is a special configuration in the EASY series.
The MR version features two detectors (M+R) for Mammo and RAD/Fluoro/ Dental applications.



- 1. Position the detector and switch on the didoEASY meter.
- 2. Set the X-ray equipment to the desired parameters.
- 3. Expose and quicly read all relevant data from the meter's display.

The detector of the QUART didoEASY meter series automatically measures the integrated dose-length product (DLP) at dental panoramic element. A feature that provides extra value to our users.





Specifications

General	
Application Temperature	15 - 35°C (recommended)
Storage Temperature	0 - 50°C (recommended)
Environmental	Humidity 20 - 75% non-condensing Air Pressure 20 g/m³
Weight	Base Unit: 180 g including battery Detector: Negligible
Size	Base Unit: 17 x 7 x 4.5 cm (L x W x H) Detector: 6.0 x 1.8 x 0.5 cm (L x W x H)
Units	Gy or R (to be specified on order) Date and time on display

Operational	
Dose Intensity	0.2 μGy - 999 mGy Uncertainty: +/- 5% Application Range: 25 to 150 kV Auto-compensation for Mo/Mo Mammo radiation qualities. Correction factors provided for additional mammo radiation qualities. Attenuated and open radiation beam measurements. Mammo radiation qualities: Mo/Mo, Mo/Rh, Rh/Rh, W/Rh, W/Ag
DLP	0.2 μGy cm - 999 mGy cm Uncertainty: +/- 5% Application Range: 50 to 150 kV Auto-compensation for all radiation qualities. Attenuated and open radiation beam measurements
Exposure Time	0.5 ms - 300 s Mode: Time for full exposure Uncertainty: ± 0.5 ms or 0.1%
Dose Rate	0.25 μGy/s - 999 mGy/s Mode: Average rate per exposure Uncertainty: ± 5%
Pulses	1 - 9999 Uncertainty: ± 1 pulse
Pulse Rate	0.1 Pulses/s - 250 Pulses/s Uncertainty: ± 0.05 pulses/s

Southern Scientific Limited

Scientific House, The Henfield Business Park Shoreham Road, Henfield, BN5 9SL, UK E-mail: info@southernscientific.co.uk

+44 (0)1273 497600

www.southernscientific.co.uk



A LabLogic Group Company Version 1.0 April 2024