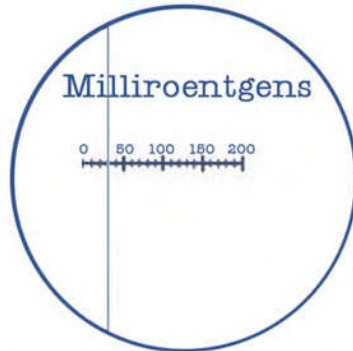




Model 138



Typical Graduated Scale
(Enlarged View)

Features:

- Lightweight pocket-size carbon-fiber electroscope design with sturdy metal pocket clip
- Thin-walled chamber for detecting exposure to Gamma and X-Ray radiation
- The low energy feature has hospital applications (fluoroscopy, portable radiography and angiography)
- The entire unit is hermetically-sealed and waterproof
- All models are available with a protective hard (sapphire) window to prevent the lens from being scratched
- Optional Dosi-Lite available in catalog

The Arrow-Tech Direct-Reading Dosimeter offers multiple Models/Ranges.

<u>Model</u>	<u>Range</u>
138	0-200mR
138-S	0-2mSv
500	0-500mR
500-S	0-5mSv
720	0-2R
725	0-5R
725-S	0-50mSv
730	0-20R
735	0-50R
740	0-100R
742	0-200R
746	0-600R

Note: It is highly recommended that units that will be used in harsh environments be purchased with a Sapphire Window.

Simply designate a "W" preceding the Model number when ordering.

Radiation Detected: Gamma and X-Ray from 16 keV to 6 MeV

Ranges: 0-200mR to 0-600R

Detector: Fiber electrometer mounted in an electrically conductive plastic ion chamber

Detector Housing: Very low permeability plastics hermetically-sealed

Accuracy: Within + or - 10% of true exposure

Rate Response: Dose rate independent for gamma and x-ray

Electrical Leakage: Less than 1.0% of full scale for 24 hours at 50 C

Temperature Range: -20 degrees C to + 50 degrees C

Relative Humidity: Up to 90%

Dimensions: Length: 4.5" (12.4 cm) Diameter .6" (1.5 cm)

Weight: 1.0 oz (25 grams)

Warranty: 2 year Limited Warranty

Manufactured to ANSI N13.5 & ANSI N322-1997

