Models & Ranges

Pocket-sized Direct-Reading Dosimeter

ITEM# GIVE SPECIFIC MODEL / RANGE



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 hermitically-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.

Model	Range
W138	0-200mR
W138-S	0-2mSv
W500	0-500mR
W500-S	0-5mSv
W720	0-2R
W725	0-5R
W725-S	0-50mSv
W730	0-20R
W735	0-50R
740	0-100R
742	0-200R
746	0-600R

"W" preceding the Model number denotes a Sapphire Window (recommended for use in harsh environments).

Specifications:

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

dearees C

Relative Humidity: Up to 90%

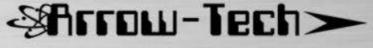
Dimensions: Length: 4.5" (12.4 cm) Diameter

.6" (1.5 cm)

Weight: 1.0 oz (25 grams)

Warranty: 2 year Limited Warranty

Manufactured to ANSI N13.5 & ANSI N322-1997



www.dosimeter.com