

# DIRECT-READING DOSIMETER

## Pocket-Sized Direct-Reading Dosimeter

Manufactured to ANSI N13.5 & ANSI N322-1997.



## Models & Ranges

Models	Ranges	Models	Ranges
W138	0-200mR	W742	0-200R
W725	0-5R	W730	0-20R
W500	0-500mR	W735	0-50R
W746	0-600R	W740	0-100R
W720	0-2R		

## Feature List

- 01 OPTIONAL FEATURE**  
Dosi-Lite available in the catalog.
- 02 DURABLE AND WATERPROOF**  
Hermetically-sealed, waterproof unit.
- 03 RADIATION DETECTION**  
Thin-walled chamber detects Gamma and X-Ray radiation.
- 04 MEDICAL APPLICATIONS**  
Low energy feature for fluoroscopy, portable radiography, and angiography.
- 05 SCRATCH PROTECTION**  
Optional protective hard (sapphire) window prevents lens scratches.
- 06 POCKET-SIZE DESIGN**  
Lightweight carbon-fiber electroscope with sturdy metal pocket clip.

## Specs

- |  |  |
|--|--|
| <b>RADIATION DETECTION</b><br>Gamma And X-Ray From 16 KeV To 6 MeV.      | <b>HUMIDITY</b><br>Up To 90% Relative Humidity.                              |
| <b>MEASUREMENT RANGES</b><br>0-200mR To 0-600R.                          | <b>TEMPERATURE RANGE</b><br>-20°C To +50°C.                                  |
| <b>DETECTOR</b><br>Fiber Electrometer In Conductive Plastic Ion Chamber. | <b>ELECTRIC LEAKAGE</b><br>Less Than 1.0% Of Full Scale In 24 Hours At 50°C. |
| <b>HOUSING</b><br>Hermetically-Sealed, Low Permeability Plastics.        | <b>DIMENSIONS</b><br>Length: 4.5" (12.4 Cm), Diameter: 0.6" (1.5 Cm).        |
| <b>ACCURACY</b><br>Within ±10% Of True Exposure.                         | <b>WEIGHT</b><br>1.0 Oz (25 Grams).  |
| <b>RATE RESPONSE</b><br>Dose Rate Independent For Gamma And X-Ray.       | <b>WARRANTY</b><br>2-Year Limited Warranty.                                  |

