

# Pencil Dosimeter - Model AT-725

*Features Introduction Specifications Part Number Options*

## Specifications

**RANGE:** 0 - 5 R

**ENERGY RESPONSE:** 16 keV to 2 MeV

**RADIATION DETECTED:** Gamma and x-ray from 16 keV to 2 MeV

**ENERGY RESPONSE:** See response curve

**DETECTOR:** Fiber electrometer mounted in an electrically conducting plastic ion chamber

**DETECTOR HOUSING:** Very low permeability plastic, hermetically sealed

**ACCURACY:** Within 10% of true exposure

**RATE RESPONSE:** Dose rate independent for gamma and x-radiation

**ELECTRICAL LEAKAGE:** Less than 0.5% of full scale for 24 hours at 50° C

**TEMPERATURE RANGE:** -4° F to 122° F (-20° C to 50° C)

**RELATIVE HUMIDITY:** Up to 90%

**DIMENSIONS:**

Length: 4.5 in (12.4 cm),

Diameter: 0.6 in. (1.5 cm)

**WEIGHT:** 1.0 oz. (25 grams)

**FINISH:**

Barrel and end caps: Natural matte black

Clips: Color coded plastic (color signifies range) or metal clips

**WARRANTY:** 2 year limited warranty

\*Meets ANSI Specifications N13.5 and N322

\*Low Leakage: Measures Background

