

Pencil Dosimeter - Model AT-138S

Features Introduction Specifications Part Number Options

Specifications

RANGE: 0-2mSv

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 (122 °F)

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

RELATIVE HUMIDITY: up to 90%

DIMENSIONS: 1.5 x 12.4 cm (0.6 x 4.5 in.) (Dia x L)

WEIGHT: 25 g (1.0 oz)

FINISH: barrel and end caps: natural matte black; clips: color coded plastic (color signifies range) or metal clips

WARRANTY: 2 year limited warranty

QUALIFICATIONS: Meets ANSI Specifications N13.5 and N322

