AMP-50
GM Tube-Based Ratemeter and Area Monitor

RUGGED CONSTRUCTION, WATERPROOF DETECTOR HOUSING AND CABLE
QUICK-DISCONNECT CONNECTORS ALLOW CUSTOMIZATION OF CABLE LENGTH AND FACILITATE EASY DECONTAMINATION
BUILT-IN COMMUNICATION PORT FOR USE WITH DDC-16, WRM TRANSMITTER...
«SMOOTHED» DIGITAL DISPLAY OFFERS ACCURATE, STABLE READINGS
USER-SELECTABLE INTERNAL ALARM THRESHOLD

KEY FEATURES

The AMP-50 is designed specifically to be used in medium to low dose rate fields. The AMP-50 features linear response from 10 μR/h to 4 R/h (0.1 μSv/hr to 40 mSv/hr)

- Rugged construction, waterproof detector housing and cable
- Quick-disconnect connectors allow customization of cable length and facilitate easy decontamination
- Built-in communication port for use with DDC-16, WRM transmitter...
- «Smoothed» digital display offers accurate, stable readings
- User-selectable internal alarm threshold
RADIOLOGICAL CHARACTERISTICS

- Detector: energy compensated GM-tube
- Detection range (± 10%): 10 μR/h to 4 R/h
- Energy range sensitivity: 17 cps per mR/

ELECTRICAL CHARACTERISTICS

- Power supply: 9 Volts (supplied by a 9 Volt battery located in the meter case)
- Optional 9 Volt AC adapter available
- Battery life: approximately 50 hours of continuous use

MECHANICAL CHARACTERISTICS

- Meter dimensions (w x h x d): 6.8 x 11.9 x 1.2 cm (2.7 x 4.7 x 0.5 in)
- Probe head length: 16.5 cm (6.5 in)
- Diameter: 3.3 cm (1.3 in)
- Standard cable length: 7.6 m (25 ft)
- Maximum cable length: 106 m (350 ft)

ENVIRONMENTAL CHARACTERISTICS

- Temperature: -10° to 50°C (15 to 120° F)
- Relative humidity: 10 to 95% RH (non-condensing)