



MIRION
TECHNOLOGIES

Radiation. **Safety.**

AMP-50

GM Tube-Based Ratemeter and Area Monitor



Nuclear
Power



Homeland
Security
& Defense



Industrial and
Manufacturing



Healthcare



Labs and
Education

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 μ R/h to 4 R/h (0.1 μ sv/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

Health Physics Division

RADIOLOGICAL CHARACTERISTICS

- Detector: energy compensated GM-tube
- Detection range ($\pm 10\%$): 10 $\mu\text{R/h}$ 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 u

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)

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