

# Gamma and Neutron High Range Underwater Portable Monitor

## Model: CP-MU-GN

### Description Details

- Calibration is fully adjustable.
- The instrument case is made of drawn aluminum with epoxy lettering for easy decontamination. Case openings are sealed by gasket or screw closure for protection of electronics.
- A reliable MOSFET electrometer circuit and improved solid state electronics assure long uninterrupted service. Mechanical switching of the high impedance circuit has been eliminated.
- Protection against influence by magnetic fields up to 60 gauss has been built into the instrument.
- A top handle and four rubber feet achieve a stable base with no loss of display visibility.

| CP-MU         | PROBE MODEL | RANGE                          | RANGE Sv              | DETECTOR SIZE                           | PROBE LENGTH        | DETECT           |
|---------------|-------------|--------------------------------|-----------------------|---|---------------------|------------------|
| CP-MU-D1      | DMU-1       | 0.1KR/hr to 1000.0 KR/hr       | 1 Sv/h to 10,000Sv/h  | 0.25" Dia. x 8" Long<br>1.0cc internal  | 8 inches or 5 feet  | GAMMA            |
| CP-MU-D100    | DMU-100     | 1 mR/hr to 1000 R/hr           | 1 μSv/h to 10 Sv/h    | 100 cc internal                         | 8 inches or 5 feet  | GAMMA            |
| CP-MU-D1000   | DMU-1000    | 0.1 R/hr to 1000.0 R/hr        | 10mSv/h to 10Sv/h     | 5.75" Dia x 8" Long<br>1000 cc internal | 8 inches            | GAMMA            |
| CP-MU-GN      | DMU-GN      | 0.1KR/hr to 1000.0 KR/hr       | 1Sv/h to 10,000Sv/h   | 0.385" x 12" long                       | 12 inches or 5 feet | GAMMA<br>NEUTRON |
| CP-MU-7-D1    | DMU-1       | 1KR/hr to 10 <sup>7</sup> R/hr | 10Sv/h to 100,000Sv/h | 0.25" Dia. x 8" Long<br>1.0cc internal  | 8 inches or 5 feet  | GAMMA            |
| CP-MU-7-D1000 | DMU-1000    | 1 R/hr to 10,000.0 R/hr        | 10mSv/h to 100Sv/h    | 5.75" Dia x 8" Long<br>1000 cc internal | 8 inches            | GAMMA            |

### Specifications

#### CP-MU Series Models:

CP-MU:

**Electronic Package for All Models is The Same or Similar**

CP-MU-D1:

DMU-1 Probe with 60-foot cable. (GAMMA Ion Chamber)

CP-MU-D100:

DMU-100 Probe and 60-foot cable. (GAMMA Ion Chamber)

CP-MU-D1000:


DMU-1000 Probe and 60-foot cable. (GAMMA Ion Chamber)

CP-MU-GN:

DMU-GN Probe with two channel version and two detectors (GAMMA Ion Chamber and NEUTRON Proportional Chamber)



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