



DMU-1



DMU-1000

Underwater Ion Chamber Probes

Model: DMU-1

Model: DMU-1000

Description

The **DMU-1** and **DMU-1000**, Underwater Ion Chamber Probes, are for use with Technical Associates **CP-MU**, **CP-MU-1000**, and **CP-MU-7** meters.

Detector Systems come with 60 feet of special low noise cable with a waterproof coupling to a:

- 8" long 1/4" diameter aluminum tube containing an ion chamber (**Model DMU-1**)
- 8" long by 5 3/4" diameter aluminum chamber (**Model DMU-1000**).
- OPTIONAL: Handle consisting of 8-foot sections of free draining 5/8" stainless steel tubing.
 - Up to 16 feet may be used with **DMU-1** in any position.
 - 24 feet or over may be used vertically downward with **DMU-1** or **DMU-1000** chamber.

Application

Ion chamber detection system with extremely high range capability and waterproof construction can now be made easily and at the ranges called for at moderate cost.

Provides

Underwater monitoring (and hot cell monitoring) of:

- Reactor Spent Fuel Elements
- Reactor Components
- Dose-rate measurements of irradiated objects

Ion Chamber Probes

DMU-1:

High Range Underwater Ion Chamber Probe

Dimensions: 8" long x 1/4" diameter aluminum

Used With: **CP-MU / CP-MU-1000** **CP-MU-7 Range**

| | |
|---------------|--------------|
| 0 to 1 KR/hr | 0 to 104R/hr |
| 0 to 10 KR/hr | 0 to 105R/hr |
| 0 to 105R/hr | 0 to 106R/hr |
| 0 to 106R/hr | 0 to 107R/hr |

DMU-1000:

Mid Range Underwater Ion Chamber Probe


Dimensions: 7.5" tall x 5.75" diameter anodized aluminum

Used With: **CP-MU / CP-MU-1000** **CP-MU-7 Range**

| | |
|---------------|---------------|
| 0 to 1 R/hr | 0 to 10 R/hr |
| 0 to 10 R/hr | 0 to 100 R/hr |
| 0 to 100 R/hr | 0 to 1 KR/hr |
| 0 to 1 KR/hr | 0 to 10 KR/hr |



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