

# UNDER WATER ION CHAMBER PROBES

Model ~ DMU-1  
Model ~ DMU-1000

## 水下电离室探测器

### DESCRIPTION: 描述

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:

此水下电离室探头系列用于TA公司CP-MU， CP-MU-1000和CP-MU-7型号

- 8" long 1/2" diameter aluminum tube containing an ion chamber (**Model DMU-1**)  
铝管长8" 直径1/2" 内装一个电离室 (型号 DMU-1)
- 7 1/2" long by 5 3/4" diameter aluminum chamber (**Model DMU-1000**).  
长7 1/2" 直径3/4" 铝制电离室 (型号 DMU-1000)
- **OPTIONAL:** Handle consisting of 8-foot sections of free draining 5/8" stainless steel tubing.  
可选: 8英尺长\*5/8" 截面不锈钢管提手
  - Up to 16 feet may be used with **DMU-1** in any position.  
DMU-1可选最长16英尺, 任意方向
  - 24 feet or over may be used vertically downward with **DMU-1** or **DMU-1000** chamber.  
24英尺以上长度可垂直方向与DMU-1和DMU-1000电离室连用

### APPLICATION: 应用

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.

电离室测量系统探测上限极高, 可提供防水结构用户定制量程系统, 价格合理。

### PROVIDES:

Underwater monitoring (and hot cell monitoring) of: 水下监测 (热室监测) 系统:

- Reactor Spent Fuel Elements  
反应堆乏燃料组件
- Reactor Components  
反应堆组件
- Dose-rate measurements of irradiated objects  
辐照物剂量率测量



**TECHNICAL ASSOCIATES**  
**OVERHOFF TECHNOLOGY**

7051 Eton Ave., Canoga Park, CA 91303  
818-883-7043 (Phone) 818-883-6103 (Fax)

[taqold@nwc.net](mailto:taqold@nwc.net)

[WWW.TECH-ASSOCIATES.COM](http://WWW.TECH-ASSOCIATES.COM)

Divisions of



US NUCLEAR CORP.

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水下电离室探测器

## ION CHAMBER PROBES: 电离室探头:

### DMU-1:

#### High Range Underwater Ion Chamber Probe

高量程水下电离室

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

尺寸: 铝制 长1"X直径 1/4"

DMU-1



Used With: CP-MU / CP-MU-1000

用于:

- 0 to 1 KR/hr
- 0 to 10 KR/hr
- 0 to 10<sup>5</sup>R/hr
- 0 to 10<sup>6</sup>R/hr

CP-MU-7 Range:

- 0 to 10<sup>4</sup>R/hr
- 0 to 10<sup>5</sup>R/hr
- 0 to 10<sup>6</sup>R/hr
- 0 to 10<sup>7</sup>R/hr

### DMU-1000:

#### Mid Range Underwater Ion Chamber Probe

中量程水下电离室探头

Dimensions: 7 1/2" tall x 5 3/4" diameter anodized aluminum.

尺寸: 电镀铝制 长7 1/2" x 直径5 3/4"

DMU-1000



Used With: CP-MU / CP-MU-1000

连用

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

CP-MU-7 Range

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



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