

Electronics Cabinet

# Nuclear Power Plant Process Monitor

## Model FM-9W-IC-25-HT Ion Chamber System

## Features

- Highly Sensitive Gamma
- Meets Loca Requirements, (Loss Of Coolant Accident Prevention)
- All Plug-in Modular
- Rack Mounted Or Case
- Single Or Multiple Channel
- Sealed Ion Chamber For Excellent Radiation Response
- Local Or Remote Monitoring; Usb/ethernet Output
- Smart Electronics- On-board Microprocessor And Data-logging; Lcd Color Display
- User-settable Alarms – Audio & Visual, Units Of Measurement, Etc.
- Safety Class Qualified For Nuclear Power Plant
- **Detector: Ip67**
- **Electronics: Ip 63**

## Application


Area monitoring in and around nuclear reactors, reactor pools, hot cells, irradiators and other facilities handling radioactive materials or x-rays.

## Description

- The FM-9W Series Radiation Monitors incorporate micro-processor driven smart electronics with color LCD display.
- On-board data-logging and user-adjustable parameters are featured. The plug-in modular construction, allows the addition of channels or functions.
- Ion chamber and circuit design prevent the system readings from falling below full scale during an over range condition.
- Both the detector and connecting cables are designed for optimal performance in strenuous conditions, such as in containment buildings.
- High level alarm can be set to any value desired. Alarm activation produces red light on front panel and piercing audio tone.
- Optional relay is also closed (or opened) for activation of remote alarms. Stand-by battery power is optional. Rack or case mounting is supplied.



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

DIVISIONS OF  
 US NUCLEAR CORP

7051 ETON AVENUE, CANOGA PARK, CA 91303 | 818-883-7043 | F: 818-883-6103  
RGOLDSTEINTA@USNUCLEARCORP.COM | TECH-ASSOCIATES.COM | USNUCLEARCORP.COM