



Automated Flow Thru Tritium Water Monitor

Model - Trimaran – H₂O

- USB, Optional 4-20 mA
- Easy Integration into Facility Mainframe
- User Settable – Units, Alarm Limits, Flow Rate, Etc.
- Rugged, Reliable, Simple Operation
- Steel Frame Mounted
- **IP42**

Application

Monitoring changes in Tritium concentration in primary and secondary coolant, entering or leaving the Recombiner, make-up pond or spent fuel pool, etc.

Other applications include monitoring Tritium in processed water, storm water, drain effluent, ground water, rivers, lakes, and ocean currents.

Eliminates the need for pulling samples manually; waiting on expensive lab results. This automated system frees valuable and expensive personnel for other duties.

Features

- Sensitive Enough To Detect Run-off Changes In Groundwater Tritium Plumes
- Low Level Real Time Continuous Tritium-in-Water Monitor
- Optional: Capture & Hold Sampling System
- 6 Port Intake Manifold for Sampling 6 Individual Input Lines, Sampled in Series
- Tritium Only; Ignores Other Nuclides
- Sensitivity of 13,500 pCi/l in 8 Hours
- 6,750 pCi/l - Detectable in 24 Hours
- No LSC Fluid / No Waste Product
- Full On-board Computing System for Data Acquisition, Analysis, Archiving & Retrieval

Low End Sensitivities

MDA	MDA	MDA	MDA
8 HOURS	24 HOURS	7 DAYS	ONE MONTH
500 Bq/L	250 Bq/L	40 Bq/L	TBD
13,500 pCi/L	6,750 pCi/L	1000 pCi/L	TBD



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