Automated Low Level Tritium In Water Monitor Real Time Continuous

Model - NexTritium-H_2O

Unique Nextritium-H_2O Detector Characteristics

FEATURE	PURPOSE
Ultra High Sensitivity Achieved Through the Following Physical Features:	
Custom Made Anthracene Scintillation Crystals in Technical Associates' Laboratories	High Beta Sensitivity
Two (2) 5" Diameter Optical Sensor Arrays (Totaling 200 cm^2) Sensitive Area	High Count Rate
Special Data Analysis	As Described in Sensitivity Chart
Guard Detector	Cosmic Ray Rejection
Four (4) Photo Sensors	True Tritium Pulse Validation
Five (5) Flow Channels	Assures Smooth Continuous Flow
Temperature Controlled Detector Cooler	Long Term Accurate Signal Stability
Steel, Bronze, and Lead Shielding	Gamma Ray Background Rejection
Real-Time Temperature Compensation Sensor	Improved Sensitivity and Stability

CBRN Real - Time Air & Water Specialists

TECHNICAL ASSOCIATES
OVERHOFF TECHNOLOGY

DIVISIONS OF US NUCLEAR CORP

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