

Highlights of Tritium in Air Monitor

- Continuous real time measurement of tritium in air at tritium handling laboratories, heavy water reactor and tritium cleanup facilities.
- Multiline manifold with eight ports to sample air from remote areas.
- Spectrum analysis of the sample air enables to account for spill over of interfering radionuclides, provide external gamma correction and compute tritium in air activity level.
- Inbuilt 2K MCA
- Local Single Board Computer:
- Windows CE- Alarm, Graphic display
- 8GB SD card storage
- Touch screen
- USB and Ethernet interface
- Tritium sensitivity: 1 CPS/DAC
- Minimum detectable activity (MDA): 0.1 DAC at 0.2 $\mu\text{Sv/h}$ ambient background level.
- Measurement range: 0.1 DAC to 1000 DAC