

Air or Stack Monitor

Gas, Gross Beta-Gamma Particulate and Iodine

Model: CAM-33 -1P

Specifications

Channels: Three
Activity Detected: Gross Beta-Gamma Particulate, Iodine, Noble Gas

Activity Detected	Gross Beta-Gamma Particulate	Iodine	Noble Gas
Filters:	2" dia.	2.5"dia x 1" thick	One Liter Chamber
Filter Type;	Glass Fiber Filter	TEDA Activated Charcoal Cartridge	Stainless Steel Lined
Collection Efficiency	Up to 99% efficiency at 0.3 micron particle size	60 KeV to 3 MeV (7 MeV optional)	60 KeV to 3 MeV (7 MeV optional)

Detectors

- Particulate Beta-Gamma: 2" diameter GM or optional Proportional Detector. **(1 each)**
- Iodine: 2" diameter NaI(Tl) Model PGS-3LI (Spectroscopic Grade) **(1 each)**
- Gas Standard Range: 2-inch diameter GM **(2 each)**
- Shielding:
 - » Detector Sensitivity: **Monitor is more sensitive on all channels by factors of 5 to 500 than is required by USNRC and other regulatory agencies.**
 - » Calibration: Follow on screen instructions for user assisted automatic calibration.
 - » Decontamination: Shields are straight-through bore with Stainless Steel liner for easy decontamination. Other wetted parts are Stainless Steel or quick and easy replacement.

Moving Air System

- Air Pump:** Extremely rugged continuous duty
- Pumping System:** Pump noise is reduced by heavy duty internal muffler
- Oil-Less Pump Motor:** 3/4 Horsepower, 50/60Hz capacitor start, induction run
- Flow Control:** Flow Regulator Controls the flow from 0-4 cfm, +/- 0.2cfm (User Settable)
- Flow Rate:** Factory setting is at 4 cfm. Mass flowmeter feeds Real-Time data to CAM-33 software.
- Settable Flow Rate:** On screen Flow Rate Display 0 to 4cfm or 0-120 lpm - Factory Set at 120 lpm (User Settable)
- Inlet and Outlet:** 20 foot 3/4" hose inlet: 6 meter 2.5 cm I.D.
20 foot 1" hose outlet. May be extended



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