



# Air or Stack Monitor

Noble Gas, Gross Beta-Gamma Particulate, & Iodine  
Optional Alpha, Tritium, Carbon-14

Part of the Total-6 Series Air & Stack Monitors

**Model: CAM-33 Series**

**CAM-33-2**

**CAM-33-3**

**CAM-33-4**

**CAM-33-6**

**CAM-3XG**

## Features

- Two to Seven Channel Simultaneous Measurement of:
  - Gamma Particulate Dynamic Compensation
  - Beta-Gamma Particulate
  - Iodine - Molecular and Organic
  - Noble Gas – Dynamic Compensation
  - Total Noble Gas, Noble Gas Curie Mev (**CAM-3XG**)
  - Alpha Particulate
  - Tritium
  - Carbon-14 ~ Organic and Inorganic
- Detectors More Sensitive by Factors of 5-500 than Required by NRC
- 17" Color Monitor
- High Capacity Oil-Less Air Pump
- Real-Time Flow Measurement
- Data Analysis / Archive / Retrieval
- Rugged, Caster or Skid Mounted, Self-Contained Cabinet; **Optional** - NRTL Certified Cabinet
- IP33

## Description

The **CAM-33 Series** are two to six channel air monitors for simultaneous, continuous measurement of Gamma Particulates, Gross Beta / Gamma Particulates, Noble gaseous radioactivity, and Iodine.

**Batch sampling or dual sampling for continuous sampling during the course of an accident are options available with the CAM SERIES**

- The **CAM-33-4** includes Alpha Particulates.
- The **CAM-33-6** has six channels for also measuring Alpha Particulates, Tritium, and Carbon-14.
- The **CAM-3XG** has three channels and measures Noble Gas energies: low, medium, and high with readout in Curie MeV or  $\mu\text{Ci/cc}$ .
- These are continuous duty, high capacity, rugged skid or caster mounted systems. Electronics consists of Computer with **17" COLOR LCD Monitor**.
- Shields are void free lead encased in welded steel and with stainless steel liners for long, useful life and easy decontamination.
- Filters are easily changed via quick disconnect, o-ring sealed filter holder. Shield can be opened for filter change or cleaning with minimum effort. All shield connections and openings are sealed against air leaks.

**The CAM Series Replaces The PING-1**



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