



Alpha / Beta and Beryllium Aerosol Monitor

Model: FM-9-AB2

Model: FM-9-AB2-Be

Features

- Alpha/Beta and Beryllium Simultaneous and Separate Measurement - **FM-9-AB2-Be**
- Alpha/Beta Integrated Exposure - **FM-9-AB2**
- Real Time Alarm
- Line Operated
- Bench Top - **Optional:** Wall Mount
- Standard FM-9 Modules
- Can Draw Air From Hood, Duct, etc.
- Electronic Mass Flow Meter
- Quick Change Filter Cartridge
- Real Time Air Flow Measurement Display
- Computer Interface – USB, RS485, or Ethernet
- Data Archive and Retrieval (Flow Rate and Sample Time)

Application

The FM-9-AB2 SERIES Air Monitors assure safety against airborne radioactivity contamination by means of constant check with alarm and record capability. Data archive and retrieval is available via USB or Ethernet ports.

It is a complete system but may be expanded per need with modules of the FM-9 series.

The FM-9-AB2 SERIES is sensitive and versatile.

Measures activity from activated Beryllium (Be) and can be used as sampler to collect all airborne Be.

It may be used to monitor stack effluent down to EPA levels as well as hoods, glove box or workplace air.

Description

The FM-9-AB2 uses a standard filter in TA's unique quick change, no leak holder to trap any airborne particulates. The filter is under constant surveillance via both an Alpha scintillator and a Beta pancake GM tube.

Air is drawn by a regulated pump through a three-foot inlet hose and exhausted via a flow meter through another three-foot hose.

These may be extended to allow monitoring of hoods, glove boxes, stacks, etc.

Time is recorded by a computer wired into the pump circuit.

The unit is completely self-contained and portable. Complete with box of 100 filters.



TECHNICAL ASSOCIATES OVERHOFF TECHNOLOGY

7051 ETON AVENUE, CANOGA PARK, CALIFORNIA 91303

PHONE: 818-883-7043 | FAX: 818-883-6103

SALES@USNUCLEARCORP.COM | TECH-ASSOCIATES.COM | USNUCLEARCORP.COM

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