

Xenon Monitor

Model – FM-9XE



FM-9XE Electronics Face Plate



FM-9XE Detector and Pump

Features

- State-Of-The-Art Digital Xenon¹³³ Monitor
- 7" Color Monitor
- Airborne Concentration and Total Dose In Bq/l Or In MPC (Or Any Units)
- User Friendly
- Settable Alarms –Audio and Visual
- Computer Interface USB or Ethernet
- Data Logger Built-In

Application

The **FM-9-XE ratemeter system** Monitor is fast becoming the first choice for Xenon133 measurement in facilities globally.



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Model – FM-9XE

Description

The FM-9XE Xenon Monitor determines Xenon content of air by drawing the air through a gas chamber which is under constant surveillance by a radiation detector.

A six foot outlet and inlet hose draws air from the use area, duct, stack, glove box, hood or filter trap.

In addition to showing the Xenon content on the digital meter this monitor has a built-in data logger and USB Ports for data output.

An alarm is both visual and audio with a red flashing light and/or 2,000 Hz (beep) should the preset level be exceeded.

Specifications

Sensitivity:	10 ⁻⁶ µCi/cc of Xe ¹³³ or 0.1 mpc.
Range:	4 decades: 0.1 mpc(10 ⁻⁶ µCi/ml) to 1000 mpc (10 ⁻² µCi/ml).
Detection:	Gas chamber with 2" pancake GM detector (T-1190).
Shielding:	3/8" thick lead around chamber and detector. (7" H x 4.5" dia.)
Flow Rate:	Regulated - normally set at 10 Liters/minute.
Prefilter:	Used to remove particulates.
Case:	Electronics housed in enameled aluminum case; 11" x 11" x 11".
Display:	7" Color Monitor.
Air Pump:	Low noise, Green Turtle, Oil-Less, Long Life pump
Alarm:	- Audible: 2000 Hz beeper. - Visual: Red flasher settable at any point on scale.
Power:	115V, 60 Hz. Optional 230V, 50 Hz.
Weight:	Electronics 12 lbs, Shielded Detector 22 lbs, Pump 7 lbs.
Shipping Weight:	40 lbs



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