

XENON MONITOR

氙监测器

FM-9XE

FEATURES: 特点

- STATE-OF-THE-ART DIGITAL XENON¹³³ MONITOR
- 先进数字Xe¹³³监测器
- 7" COLOR MONITOR
- 7"彩屏
- AIRBORNE CONCENTRATION & TOTAL DOSE IN Bq/l OR IN MPC (OR ANY UNITS)
- 气溶胶浓度和总剂量，单位Bq/l 或 MPC（或任何单位）
- USER FRIENDLY
- 用户友好界面
- SETTABLE ALARMS –AUDIO & VISUAL
- 可设定报警-视听
- COMPUTER INTERFACE USB OR ETHERNET
- 电脑USB接口或以太网
- DATA LOGGER BUILT-IN
- 内置数据录入功能



FM-9XE ELECTRONICS FACE PLATE

APPLICATION: 使用

The **FM-9XE** Monitor is fast becoming the first choice for Xenon¹³³ measurement in facilities globally.
FM-9XE监测器成为行业测量Xe¹³³首选



FM-9XE DETECTOR & PUMP
仪器探头和泵



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DESCRIPTION: 描述

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.

FM-9XE Xe 监测器通过从气室抽取气体，由辐射探头连续监测来确定氙辐射，6英尺长进出管从使用地点，如烟道、手套箱、通风罩或过滤器上抽取气体，除了显示Xe数字读数器外，此仪器还有内置数据录入和USB接口以供数据输出。

如果达到预设报警值则触发视听报警带红闪灯和2,000 Hz蜂鸣音。

SPECIFICATIONS: 规格

Sensitivity:	10^{-6} $\mu\text{Ci/cc}$ of Xe^{133} or 0.1 mpc.
灵敏度	
Range:	4 decades: 0.1 mpc(10^{-6} $\mu\text{Ci/ml}$) to 1000 mpc (10^{-2} $\mu\text{Ci/ml}$).
量程:	4个量级0.1 mpc-1000 mpc或 10^{-6} $\mu\text{Ci/ml}$ - 10^{-2} $\mu\text{Ci/ml}$
Detection:	Gas chamber with 2" pancake GM detector (T-1190).
探测:	气室带2" 扁平GM管探头 (T-1190)
Shielding:	3/8" thick lead around chamber and detector. (7" H x 4.5" dia.)
屏蔽:	气室和探头周围3/8"厚度铅
Flow Rate:	Regulated - normally set at 10 Liters/minute.
流量:	可调节-正常设定10升/分钟
Prefilter:	Used to remove particulates.
前置放大器:	用于移除粒子
Case:	Electronics housed in enameled aluminum case; 11" x 11" x 11".
外箱:	电子学放置在铝箱中，11" x 11" x 11"
Display:	7" Color Monitor.
显示:	7"彩显
Air Pump:	Low noise, Green Turtle, Oil-less, Long Life pump
气泵:	低噪音绿龟泵，无油长寿
Alarm:	报警



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- Audible: 2000 Hz beeper.
- 声音: 2000赫兹蜂鸣音
- Visual: Red flasher settable at any point on scale.
- 视觉: 红灯, 可量程内设定任何点

Power: 115V, 60 Hz. **Optional** 230V, 50 Hz.

电源:

Weight: Electronics 12lbs, Shielded Detector 22lbs, Pump 7lbs.

重量: 电子学12磅, 带屏蔽探头22磅, 泵7磅

Shipping Weight: 40 lbs

邮寄重量: 40 磅



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