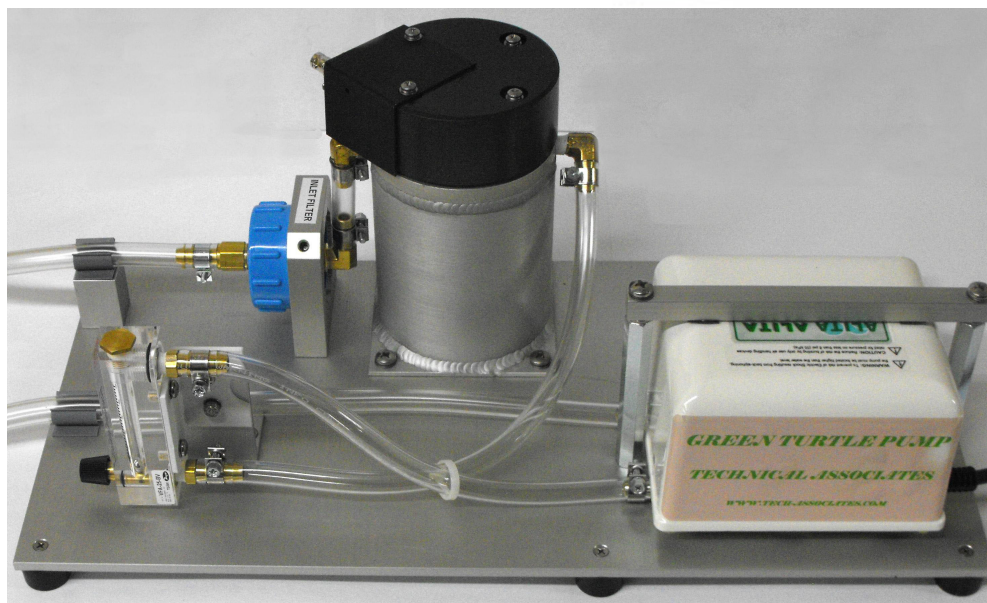


## XENON MONITOR Model # FM-7XE

### FEATURES:

- NEW, IMPROVED DIGITAL XENON MONITOR  
USER FRIENDLY  
SIX-DIGIT READOUT
- AIRBORNE CONCENTRATION & TOTAL DOSE  
IN MPC (OR ANY UNITS)
- REGULATED AIR FLOW
- SETTABLE ALARM
- RS-232 COMPUTER AND/OR DATA LOGGER INTERFACE
- OPTIONAL PRINTER FOR HARD COPY



**APPLICATION:** The **FM-7XE** Monitor is fast becoming the first choice for Xenon<sup>133</sup> users in facilities all over the world.

**DESCRIPTION:** Model **FM-7XE** Xenon Monitor determines Xenon content of air by drawing the air through a gas chamber which is under constant surveillance by a radiation detector. It is normally supplied with a six foot outlet and inlet hose so that it may draw air from the use area, duct, etc. In addition to showing the xenon content on the digital meter, it furnishes permanent record in the form of an **optional** digital printer with date & time stamp. An alarm is included which produces a red flashing light and/or 2,000 Hz (beep) should the preset level be exceeded.

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# XENON MONITOR

## Model # FM-7XE

### SPECIFICATIONS

- Sensitivity:**  $10^{-6}$   $\mu\text{Ci/cc}$  of  $\text{Xe}^{133}$  or 0.1 mpc.
- Range:** 4 decades: 0.1 mpc ( $10^{-6}$   $\mu\text{Ci/ml}$ ) to 1000 mpc ( $10^{-2}$   $\mu\text{Ci/ml}$ ).
- 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:** Bright six digit LED display.
- Air Pump:** Vane type oil-less; muffler included. (6" x 6" x 6")
- Alarm:**
  - Audible: 2000 Hz beeper.
  - Visual: red flasher settable at any point on scale.
- Power:** 115V, 60 Hz. **Optional** 230V, 50 Hz.
- Weight:** Electronics 12lbs, Shielded Detector 22lbs, Pump 7lbs.
- Shipping Weight:** 50 lbs.