

E-FRM Filter Sample



Model E-FRM filter sample is designed to meet specifications for a Federal Reference Method for PM2.5 sampling in accordance with 40 CFR Part 50 Appendix L by the United States Environmental Protection Agency.

This model is a programmable single-event filter sampler designed as a reference method for the determination of daily particulate concentrations of PM2.5 in ambient air. For ease of shipping, the E-FRM is nested in a compact package. When installed, the package expands to normal sampling height, with sampler on top, separate pump box below within the frame work.

The E-FRM sampler is also designed for easy setup and deployment/ This allows it to be used for weather permanent long-term sampling at a fixed site or as an audit sampler for frequent relocation.



STOWED FOR SHIPPING



Applications:

Cleanroom Monitoring
Medical Device Mfg.
Filter Testing
Hospitals

Food / Beverage
Aerospace Assembly
Paint Booths
Cosmetic Manufacturing

Whatever your particular needs,
The right choice is only natural.

MEASUREMENT PRINCIPLE	Programmable single-event filter sampler for ambient particulate concentrations by gravimetric laboratory analysis
DESIGN SPECIFICATIONS	Title 40 CFR, Part 50 Appendix L.
U.S. EPA DESIGNATIONS	PM2.5 Federal Reference Method
VACUUM PUMP	Dual-head diaphragm AC pump standard (specify voltage)
COMPATIBLE SOFTWARE	FRM Comm
USER INTERFACE	Extended temperature 8x40 character LCD display with dynamic keypad.
ENCLOSURE TYPE	Active fan ventilation with solar shield and separate pump enclosure.
DEPLOYED DIMENSIONS	2.0 meters (77") high, 42 cm (16.5") wide 53 cm (20.75") deep.
STOWED DIMENSIONS	105 cm (41") high, 42 cm (16.5") wide 53 cm (20.75") deep.
WEIGHT	Complete System : 33 kg (73 lbs.) Removable pump box: 12.7 kg (28 lbs.)
POWER	100 to 125 VAC amps nominal.



THE E-FRM FILTER SAMPLER IS EASY TO INSTALL