

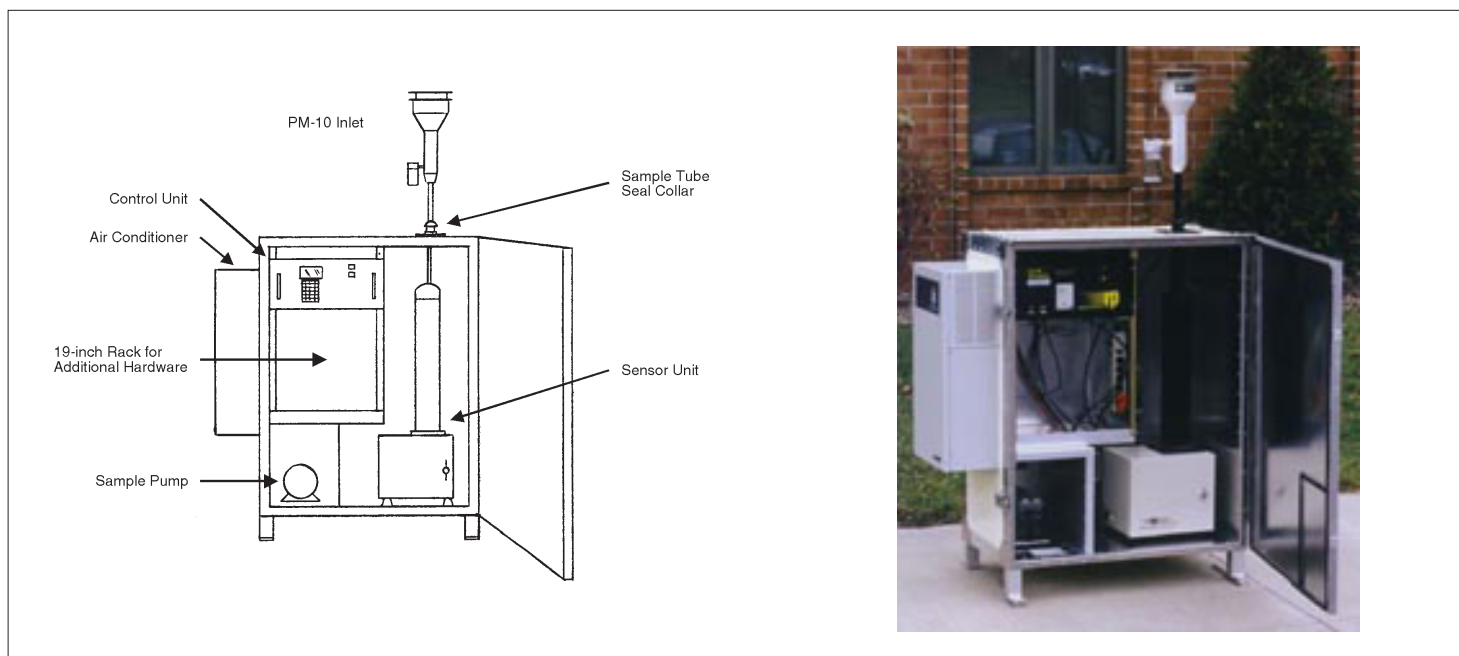
PRODUCT BULLETIN

COMPLETE OUTDOOR ENCLOSURE FOR TEOM[®] SERIES 1400A

The optional Complete Outdoor Enclosure from Thermo Electron Corporation provides full weather protection for the TEOM[®] Series 1400a Ambient Particulate Monitor. It is used in instances in which protection against the weather cannot be provided for the instrument.

The enclosure is equipped with a combination heating and air conditioning unit enabling the instrument to withstand the extremes of climate. It is designed to house the Series 1400a Sensor Unit, Control Unit, and sample pump. The structure is designed for straightforward retrofit with the Sample Equilibration System (SES) or Filter Dynamics Measurement System (FDMS) Module enclosure options. There is also room in its 19-inch rack for additional hardware. Sample tube seal collars are available for the 1-1/4 inch flow splitter in PM-10, PM-2.5 and TSP systems, as well as the 1/2 inch diameter sample tubing used in other applications.

- Corrosion-free painted aluminum exterior
- 2-inch thick insulation
- Locking door latches and door stop
- Space for control unit, sensor unit, sample pump (with vibration-free mounting), and optional rack-mounted hardware
- Sliding shelf option for control unit
- Sample tube seal collar (1-1/4 or 1/2 inch diameter)
- Optional 18" (46 cm) legs for raised access
- Air conditioner/heater combination unit: 2000 BTU/hr, 500W heater
- Power requirements (including instrument, pump and AC/Heater):
20 A @ 120 VAC, 10 A @ 240 VAC (specify voltage)
- 2 6-Way outlet strips with power surge protectors
- Exterior dimensions: 54" (137 cm) H x 49" (124.5 cm) W x 26" (66 cm) D
- Rack-mount dimensions: 19" (48 cm) W x 19" (48 cm) D x 25" (63.5 cm) H, 1.5" (3.8 cm) front clearance
- Anchor holes: D: 24.5" (62 cm) x W: 37.5" (95 cm)
- Weight: 210 lbs. (93 kg), 250 lbs. (115 kg) shipping weight
- Shipping footprint: 32" (81 cm) x 51" (129.5 cm) pallet base



Air Quality Instruments
rp Products
www.thermo.com/air

26 Tech Valley Drive (518)452-0065
East Greenbush, NY 12061 (518)452-0067 fax

ISO9001:2000
Certified