



Manufacturer of Air Pollution Monitoring Equipment

TE-6070V

Volumetric Flow controlled (VFC) PM10 Monitor in Ambient Air

Volumetric Flow Controlled PM10 System includes:

- size selective inlet (<10 micron cut size)
- anodized aluminum shelter
- 8" x 10" stainless steel filter holder with stagnation pressure tap
- blower motor assembly
- continuous flow/pressure recorder
- elapsed time indicator
- 30" water manometer
- volumetric flow controller with look-up table
- filter media holder/filter paper cartridge (8" x 10")
- 7-day mechanical timer
- 110v/60hz or 220v/50hz

Reference Method *RFPS-0202-141*

Specifications

- Flow rate: 40 cfm (1.13m³) continuous
- Filter media: Micro-quartz filter media 8" x 10" for PM10 (TE-QMA)
- Flow control: VFC (TE-10557PM10)
- Motor blower: 2-stage motor 1.0 hp 110v/60hz (TE-115923)
- Water manometer: 30" water manometer (TE-5030)
- Flow indicator: Flow/pressure recorder (TE-5009) with charts (TE-106)
- Timer: 7-day mechanical timer (TE-5007)
- Elapsed time indicator device: Elapsed time indicator (TE-5012)

Shipping information (three cartons)

- Size/weight: 45.5" x 22.5" x 20"/50 lbs
32" x 32" x 25.5"/56 lbs
28" x 21" x 10"/19 lbs
- Motor specifications: 110v/60hz—Part TE-115923 double ball bearing, thru-flow discharge
220v/50hz—Part TE-116111 ball/sleeve bearing thru-flow discharge
- Sample delay: 0–7 Days
- Start up amps: 20 Amps
- Running amps: 7 Amps

TE-6070DV

Volumetric Flow controlled (VFC) PM10 Monitor in Ambient Air

Same as TE-6070V except:

- Timer: Solid state digital timer programmer with digital elapsed time indicator (TE-302)