



Manufacturer of Air Pollution Monitoring Equipment

TE-6070

HIGH VOLUME PM10 MASS FLOW CONTROLLED (MFC) MONITOR IN AMBIENT AIR

Mass Flow Controlled PM10 System includes:

- size selective inlet (<10 micron cut size)
- anodized aluminum shelter
- 8" x 10" stainless steel filter holder with probe hole
- blower motor assembly
- continuous flow/pressure recorder
- elapsed time indicator
- filter media holder/filter paper cartridge (8" x 10")
- mass flow controller with 20–60 scfm air flow probe
- 7-day mechanical timer
- 110v/60hz or 220v/50hz

Meets EPA Code of Federal Regulation, Appendix J to Part 50

Specifications

- Flow rate: 40 cfm (adjustable; 1.02–1.24m³; 36–44 cfm)
Filter media: Microquartz filter media, 8" x 10" for PM10 (TE-QMA)
Flow control: Mass flow controlled with 20–60 scfm air flow probe (TE-300–310)
Motor blower: 2-stage vacuum 0.6 hp: 110v/60hz (TE-116311)
220v/50hz (TE-116312)
Flow indicator: Flow/pressure recorder (TE-5009)
Timer: 7-day mechanical timer (TE-5007)
Elapsed time indicator device: Elapsed time indicator (TE-5012)
Motor specifications: 110v/60hz—Part TE-116311 double ball bearing, thru-flow discharge
220v/50hz—Part TE-116312 ball/sleeve bearing, thru-flow discharge
Start up amps: 12 Amps
Running amps: 5 Amps

Shipping information (two cartons)

- Size/weight: 45.5" x 22.5" x 20"/74 lbs
32" x 32" x 26"/56 lbs

TE-6070D

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- 8" x 10" stainless steel filter holder with probe hole
- blower motor assembly
- continuous flow/pressure recorder
- elapsed time indicator
- filter media holder/filter paper cartridge (8" x 10")
- mass flow controller with 20–60 scfm air flow probe/combination digital timer with digital elapsed time indicator
- 110v/60hz or 220v/50hz

Meets EPA Code of Federal Regulation, Appendix J to Part 50

Same as TE-6070 except:

- Flow contro/Timer: Sample delay 0–11 days
Combination mass flow controller solid state digital timer and digital elapsed time indicator (TE-300–312)