

BRUSHLESS PM10 VOLUMETRIC FLOW CONTROLLED SYSTEMS

EPA Referenced Method RFPS-0202-141

TE-6070V-BL

Brushless Volumetric Flow Controlled PM10 System. Includes size selective inlet (<10 micron cut size), anodized aluminum shelter, aluminum blower motor assembly, 8" x 10" stainless steel filter holder with stagnation pressure tap, brushless blower motor assembly, continuous flow/pressure recorder, elapsed time indicator, 30" water manometer, filter media holder/filter paper cartridge, volumetric flow controller with look up table, and 7-day mechanical timer. (110V/60hz or 220v/50hz)

Meets EPA's PM10 Code of Federal Regulations Appendix J to Part 50

SPECIFICATIONS:

Flow rate:	40 cfm (1.13m ³) continuous
Filter media:	Micro-Quartz filter media 8" x 10" for PM10 (TE-QMA)
Flow control:	VFC (TE-10557PM10)
Motor blower	Brushless 3-stage motor 110v/60hz (TE-117416) 220v/50hz (TE-117416)
Water manometer:	30" water manometer (TE-5030)
Flow Indicator:	Flow/pressure recorder (TE-5009) with TE-106 Charts
Timer:	7-Day mechanical timer (TE-5007)
Elapsed time indicator device:	Elapsed time indicator (TE-5012)



Shipping Information:

Size/Weight:	46" x 23" x 20"/50 lbs. 32" x 32" x 25.5"/56 lbs. 28" x 21" x 10"/19 lb.
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Altitude Application:	to 10,000 feet above sea level
Ambient Temperature Application:	-30 to + 50°C
Relative Humidity Application:	0 - 100%
Sample Delay Start Range:	0 - 7 days
Start up amps:	11 amps

Other electrical characteristics available



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