SERRAX

SERRAX TECHNOLOGIES

An ISO 9001 : 2015 Certified Company

PRODUCT CATALOGUE













A Leading Manufacturer and Suppplier of Air Quality Monitoring,Gas Monitoring, and Industrial Process Measurement Instruments.

HIGH VOLUME SAMPLER (APM151 DFC)





TECHNICAL SPECIFICATIONS

Particle Size	TSPM
Recommended Filter	GF/A (8" x 10")
Digital Flow Controller (DFC)	DFC will automatically maintain the flow rate constant through an electronically controlled mechanism with Flow Sensor feedback and compensate for dust load deposited on the filter. When the dust load increases beyond the capacity of the blower the flow rate will begin to decrease and the DFC will automatically be shut-down if the flow rate tends to drop below a certain set flow for auto shut off.
Flow Rate	0.6 to 1.4 m3/min flow with flow stabilization by electronically controlled DFC by user-selectable flow rate between 0.6 to 1.4 m3/min
Programmable Timer	Accurately measured and display on LCD in m^3 / min DFC automatically calculate the volume and record it for sampling purpose
Time Totalizer	0 – 99.59 hrs (Digital Display on LCD) with reset Provision.
Flow Measurement	Digital Display in m^3/min and measured across a critical orifice
Filter Holder	Casted aluminium with fine finished by rubber gasket
Heavy Duty Blower	3 phase Brushless & Noiseless, operated through VFD at 230V AC(+/-) 20V single phase 50 Hz, supply continuously for at least 28 hours
Operating Conditions	T:0-50°C, RH:10 to 95%

SALIENT FEATURES:

Unique flow measurement system using an orifice plate directly calibrated in m^3/min.
Provision to monitor gaseous pollutant using Gaseous Sampling Attachment.
Separation of gable roof from main housing, making the system morerugged and compact for easy transportation.
28hr programmable timer.
Brushless blower eliminating problem of periodic replacement of carbonbrushes and shooting noise.

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SERRAX



GET IN TOUCH

+91 8851 906 679

info@serrax.in

www.serrax.in

A84, 2nd Floor, DDA SHED
Okhla Phase 2, New Delhi – 20