



SERRAX TECHNOLOGIES

An ISO 9001 : 2015 Certified Company

PRODUCT CATALOGUE



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

FINE PARTICULATE PM2.5 SAMPLER (APM555 MFC)



SPECIFICATIONS

Size Selective Inlets	PM10 Impactor and WINS Impactor for PM 2.5 conform to USEPA design.
Sample Flow Control and Reporting	Active flow control system using mass flow controller. Controls primary (PM-2.5) sample flow at 1.67 L/min. The sampler displays the current volumetric flow rate (L/min.).
Elapsed Time Indicator	Real-Time clock records the operating time for each sample
Data Logger	Data Logger records and 4x40 LCD display the Flow rate, Ambient Temperature, Filter Temperature, Barometric Pressure, Filter Pressure, Elapse Time or Sampler run time, Total Volume, and Co-efficient of Variation (CV).
Logging Interval	User Selectable (1 – 60 Minutes)
Data Storage	USB Pendrive
Leak Check Testing	Leak check adaptor provided.
Vacuum Pump	Oil Free, non-pulsating pump driven by induction motor for stable flow rate
Flow Control Unit	VFD for Stable pump control
Filter Holder and Media	Accommodates 47 mm filter
Operation Mode	Manual and Auto. In-built system to control the start and stop times of sampler.
Auto Shut Off	Low Flow and High Filter Pressure settings for Auto Shutoff
Volumetric Flow Rate Compensation	Performed automatically by the built-in a system using Sensors for Ambient Temperature and Barometric Pressure

Our Customers







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