



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

MODEL: APM555R

High Accuracy ° Wide Range ° Portable

The APM555R Fine Particulate Sampler is designed with a compact and practical configuration for particulate monitoring applications. Its design enables an aerodynamic cut-point to effectively separate particles larger than 10 microns. The sampler is lightweight and operates with low noise, making it convenient for various monitoring requirements. It is also built for reliable performance and extended service life, making the APM555R a practical choice for particulate sampling applications.

TECHNICAL SPECIFICATIONS		
	Size Selective Inlets	Omni-directional air inlet with PM 10 separation through an impactor followed by PM2.5 separation through a WINS Impactor as per USEPA
	Flow Rate	Constant sampling rate of 16.7LPM maintained by critical orifice system and displayed on a rotameter requires no maintenance
	Vacuum Pump	Oil Free, light weight pump driven by brushless induction motor
	Time totalizer	Records the actual time duration of each sample
	Provision to attach Gaseous Sampler	In-built valve and piping for use of a gaseous sampling attachment for monitoring SO2, NOx, NH3, Ozone etc
	Warranty	One year
	Size & Weight	130.0 x 36.5 x 26.0 cm 15kg
	Power requirement	Nominal 220 V, Single Phase, 50Hz AC mains supply. For proper operation and safety



KEY FEATURES

- PM10 and PM2.5 Impactors of sampler based on designs standardized by US EPA
- Brushless, Oil-free, light weight pump practically requires no maintenance
- Filter holder designed for any 47mm diameter filter media
- Critical Orifice maintains constant sampling rate of 1 m3/hour
- Optional Provision to attach gaseous sampler
- Compact cabinet design for easy portability

Product Details:

- Minimum Order Quantity -1 Piece
- System type - Manual
- Parameters - Gas only, PM2.5
- Data logging - No
- Enclosure type - Portable station
- Power supply -230V AC
- Communication - manual
- Display type - No display
- Mounting height - 4 m

Our Customers







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