



COMPLETE ENVIRONMENTAL SOLUTIONS



Air, Sound, Water, Soil Pollution Monitoring Instruments Manufacturing, Sales, Servicing & Calibration
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PRODUCT LIST

COMBO SAMPLER PM10, PM2.5 APS 500M

• AIR POLLUTION MONITORING INSTRUMENTS

- RESPIRABLE DUST SAMPLER (PM10)
- FINE PARTICULATE SAMPLER (PM2.5)
- COMBO SAMPLER (PM10+PM2.5)
- STACK SAMPLER
- HANDY DUST SAMPLER
- PERSONAL SAMPLER
- BENZENE SAMPLER
- LOW VOLUME SAMPLER
- GASEOUS POLLUTANT SAMPLER
- THERMO ELECTRICALLY COOLED GASEOUS ATTACHMENT
- THERMO ELECTRICALLY COOLED GASEOUS ATTACHMENT
- SOUND LEVEL METER
- WEATHER MONITOR
- LUX METER • VIBRATION METER
- TOP LOADING CALIBRATOR
- FLOW CALIBRATOR
- TIME CALIBRATOR
- SOUND LEVEL CALIBRATOR

LAB INSTRUMENTS

- BIO SAFETY CABINET
- FUME HOOD
- BOD INCUBATOR
- COD DIGESTOR
- AUTO CLAVE
- BIOLOGICAL INCUBATOR
- HOT AIR OVEN • WATER BATH
- HUMIDITY CHAMBER
- HOT PLATE
- DISTILLATION UNIT
- HEATING MENTLE
- KJELDAL ASSEMBLY
- DEEP FRIZZER
- PH METER
- TDS METER



Designed for convenient monitoring of both PM 10 and PM 2.5 simultaneously

OVERVIEW

Simultaneous sampling of PM10 and PM2.5 Particulates. Two-part cabinet ensures that PM2.5 filter remains close to ambient air temperature at all times. Low sampling rate of 1m3/hr. reduced filter choking even in areas of high PM concentration Critical Orifice maintains constant flow rate. Oil free pump requires very little maintenance. Induction motor driven pump is immune to voltage fluctuation.

SPECIFICATION

Particle Size

Omni-directional air inlet with PM10 separation through an impactor followed by PM2.5 separation through a WINS impactor.

- CONDUCTIVITY METER
- SPECTROPHOTOMETER
- WEIGHING BALANCE
- MOISTURE ANALYZER
- DIGITAL ULTRASONIC CLEANER
- DO METER
- GRADIENT THERMAL CYCLER
PCR
- ICE FLAKER
- ICE MAKER
- PROBE SONICATOR
- DIGITAL VISCOSITY METER
- DIGITAL PRESSURE INDICATOR
- ION SELECTIVE ELECTRODES
- POLARIMETERS
- VISCOSITY METERS
- PROBE SONICATOR-TOUCHSCREEN
- ION WITH PH METER-5 POINTS
- PH ELECTRODES
- MULTI PARAMETER / DO METER
- REFRACTO METERS
- GRADIENT THERMAL CYCLER
- ULTRASONIC CLEANERS
- CERAMIC HOTPLATE
MAGNETIC STIRRER
- DIGITAL PIPETTES
- REFRIGERATED CIRCULATING BATH
- DIGITAL WATER BATH
- ANALOG MULTIMETER
- DIGITAL MULTIMETER
- BENCH TYPE TRUE RMS DIGITAL MULTIMETER
- AC CLAMP METER
- AC/DC CLAMP METER
- POWER CLAMP METER
- AC LEAKAGE CURRENT TESTER
- EARTH LEAKAGE
- INSULATION RESISTANCE TESTER
- PHASE ROTATION METER
- VOLTAGE DETECTOR
- DIGITAL CAPACITANCE METER
- DIGITAL LCR METER
- DIGITAL MEGOHM METER
- LUX METER

Sampling Rate Constant sampling rate of 1 m³/hr, unaffected by voltage fluctuation maintained by critical orifice system.

Filter Media Filter holder designed to accept any standard 47 mm diameter filter media.

Sample Volume Independent Rotameters for PM 10 & PM 2.5 flow streams. Time Totalizer records the period of operation

Power Requirement Single phase AC 220 volts, 50 Hertz supply. Sampler unaffected by +/- 10% fluctuation in supply voltage

Warranty Two year

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