



COMPLETE ENVIRONMENTAL SOLUTIONS



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

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PAN NO : EPSPS8978Q

PRODUCT LIST

RESPIRABLE DUST SAMPLER CES APS -113NL

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



➤ OVERVIEW

The APS 311NL uses an IMPORTED brushless, continuous rated induction motor driven blower to significantly reduce equipment downtime, maintenance efforts and inconvenience to community with significantly reduced noise. This new improved PM 10 sampler avoids problems arising due to frequent brush wear and limited armature life of blowers and noise.

Special features: Significantly reduced noise as compared to most PM 10 instruments in the market. Blower with in-built thermal cut-off eliminating the need for a stabilizer.

Brushless blower reduces equipment downtime and maintenance effort. Lockable top cover and gaseous attachment. Improved cabinet design which is sturdier and more durable with SS hardware. Electromagnetic Interference (EMI) to TVs totally eliminated. Additional advantage with this blower is very low variation in flow rate in 190-230V input power

- • LUX METER • VIBRATION METER
- • TOP LOADING CALIBRATOR
- • FLOW CALIBRATOR
- • TIME CALIBRATOR
- • SOUND LEVEL CALIBRATOR

LAB INSTRUMENTS

- BIO SAFTY CABINET
- FUME HOOD
- BOD INCUBATOR
- COD DIGESTOR
- AUTO CLAVE
- BIOLOGICAL INCUBATOR
- HOT AIR OVEN • WATER BATH
- HUMIDITY CHAMBER
- HOT PLATE
- DISTTILATION UNIT
- HEATING MENTLE
- KJELDAL ASSEMBLY
- DEEP FRIZZER
- PH METER
- TDS METER
- CONDUCTIVITY METER
- SPECTROPHOMETR
- WEIGHING BALANCE
- MOISTURE ANALYZER
- DIGITAL ULTRASONIC CLEANER
- DO METER
- GRADENT THERMAL CYCLEAR PCR
- ICE FLAKER
- ICE MAKER
- PROBE SONICATOR

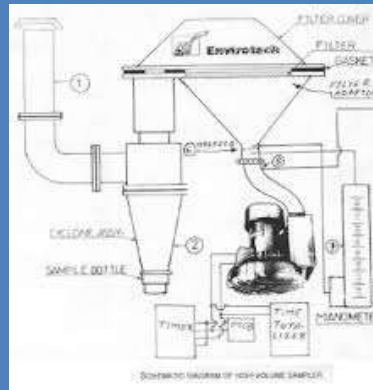
supply range.

Owing to its modular design, APS 311NL can be easily paired with a gaseous sampling (for monitoring SO₂, NO_x, NH₃, Ozone etc) as gaseous sampling requires only a few LPM of air flow. This is possible through an attachable subsidiary unit APM 411 or the more modern APS 311TE. Kindly refer to respective brochures of APS 311 and APS 311TE for details.

SPECIFICATION: -

Flow Rate	0.9 – 1.4 m ³ /min free flow
Particle Size	Particles of 10 microns & below collected on Filter Paper holder. SPM bigger than 10 microns collected in a separate sampling bottle under the cyclone
Sampling Time	28 hours (maximum)
Sampling Time Record	0 to 9999.99 hrs. recorded on a Time Totalizer
Power requirement	Nominal 220 V, Single Phase, 50Hz AC mains supply. For proper operation and safety, a good earth connection is mandatory
Size & Weight	430 x 320 x 930mm, 45 Kg
Automatic Sampling	24 hrs programmable timer to automatically shut off the system after pre-Control set time interval.
Warranty	Two year

- DIGITAL VISCOMETER
- DIGITAL PRESSURE INDICATOR
- ION SELECTIVE ELECTRODES
- POLARIMETERS
- VISCOMETERS
- 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 MILLIOHM METER
- LUX METER



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