

Product Name :
Stack sampler

Product Code :
ELE-0019



Description :

Stack sampler

Technical Specification :

Special Features:

- 1). Specially designed to monitor PM & Gaseous pollutants from stack/ chimney emissions.
- 2). Collection based on wet chemical techniques.
- 3). Measures total quantity/volume of the emissions

4). Rugged & convenient for sampling with oil free Vacuum Pump assembly.

5). Accommodated in a suitcase for better accessibility.

6). Convenient to use.

Specification:

Stack Temperature Range : Ambient to 600°C read on a Digital Pyrometer.

Stack Velocity Range : 3 to 60 m/sec

Thermocouple : T/C sensor in SS 304 casing, length of insertion: 1 m with 2 m long cable

Manometer : Digital with 0-1300 mm of H₂O range

Pitot Tube : Calibrated S-type fabricated - SS 304, 1m long

Particulate Sampling : 0-60 1pm collection on thimble type filter up to 0.3 micron rating

Gaseous Sampling : 0-6 1pm collection in a set of Borosilicate glass impingers.

Rotameter : Acrylic body with 2 % FSD accuracy, 0-60 LPM for PM and 0-6 LPM for GAS.

Sampling Probe : 1m long SS tube

Filter Holder : Filter Holder suitable to hold either cellulose filtration thimble (size 28mm ID x 100 mm long) or glass fibre thimble (size 19mm ID x 90 mm long).

Nozzels : A set of 3 nozzles made of SS 304.

Digital Clock : 0-60 minutes, 1 second readout with start and stopswitches.

Sampling Train : Glass Impinger 1 no. 240ml, glass impinger i no. 120ml(silica) glass impinger 2 no. 120 ml (gas)

Vacuum Pump : Monoblock Rotary Vane type, oil free, 0.5 HP single phase motor (230V) with More than 50 1pm free flow capacity.

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