Product name:	Product code:
Stack sampler	ELE-0019



Description

Stack sampler

Technical specification

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.

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.

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Specification:
Stack Temperature Range : Ambient to 600Â°C read on a Digital Pyrometer.
Stack Velocity Range : 3 to 60 m/sec
Thermocouple : T/C sensor in SS 304 casing, length of inseration: 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 Borosillicate 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 filteration thimble (size 28mm ID x 100 mm long) or glass fibre