

Stack Sampler SLE-SS113



Special Features

- ☆ **Specially designed to monitor PM & Gaseous pollutants from stack/ chimney emissions.**
- ☆ **Collection based on wet chemical techniques.**
- ☆ **Measures total quantity / volume of the emissions**
- ☆ **Rugged & convenient for sampling with oil free Vacuum Pump assembly.**
- ☆ **Accommodated in a suitcase for better accessibility.**
- ☆ **Convenient to use.**

Stack Sampler SLE-SS113

SPECIFICATIONS

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 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 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 stop switches.
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.

List of Components for SLE-SS113

- Instruments panel consisting of pyrometer, manometer rotametres, vacuum gauge, stop watch etc.
- Probe set consisting of probe pipe, pitot tube, connecting hoses, tool kit, filter holder, nozzels, thermocouple etc.
- Cold box assembly consisting of glass impingers.
- Vacuum pump assembly.

Due to Continual improvement Specifications are subject to change without prior notice.

Warranty:- All SPECTRO products carry a one year Warranty against any manufacturing defects.

Spectro Other Products

- High Volume Samplers
- Stack Samplers
- Indoor Air Quality Mointor
- Direct Reading instruments for Ambient / stack
- Online instruments for Ambient / stack



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