

## HIGH VOLUME SAMPLER

### SSES-HVS-010

High Volume Sampler (SSES-HVS-010) was designed and produced by Soniya Scientific Equipment Solutions Pvt. based on the concept and requirement.

SSES-HVS-010 uses all over the world to measure air pollution (suspended particulate matter) in industrial areas, urban areas, on the shop floors, near monuments and other sensitive areas. By definition, suspended particulates are too small in size to have an appreciable falling velocity and are likely to remain in the atmosphere for significant periods of time. These particulates usually range from 1 micron to approximately 100 microns in size.

#### **Features:**

- ❑ No need to keep track of carbon brushes thus eliminating unnecessary breakdowns & minimize running cost.
- ❑ Significantly low noise levels.
- ❑ It is lighter, more compact, can be carried in a car trunk and is ideal for field use
- ❑ Less variation in flow.
- ❑ Silicone tubing in place of PVC tubing.
- ❑ Lighting facility to facilitate monitoring in the absence of ambient light.
- ❑ Unique flow measurement system using an orifice plate directly calibrated in cubic meter / minute



### **Soniya Scientific Equipment Solutions Pvt. Ltd.**


Plot No. 8A/4, Geeta Vihar, Matharmaukala, Sultanpur Road, Lucknow, Uttar Pradesh, India, 226002

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- ❑ Anodized aluminium body & frame work to support various parts of
- ❑ Sampler to withstand weathering effects.
- ❑ Separation of gable roof from main housing, making the system more rugged & compact for easy transportation. 24 hr programmable timer

## **SPECIFICATIONS:**

Flow Rate	:	0.6-1.7 m <sup>3</sup> /min (free flow) Down to 1.6 micron depending upon Filter used.
Particle Size	:	Recommended filter- GF/A (8" x 10") for common use and EPM 2000 for special research use.
Sampling Time	:	Can be operated up to 28 Hrs continuously.
Sampling Time Record	:	0 to 9999.99 hrs. Time Totalizer records the running time in hrs.
Automatic Sampling Time Control	:	24 hrs programmable timer, required intervals can be conveniently programmed.
Power Requirement	:	Nominal, 220V, 2 Amps. Single phase AC.
Equipment Body	:	The body of RDS is robust enough to withstand impacts and vibration in transportation it is made of heavy Aluminium sheet.
Size & Weight (approx.)	:	440 x 440 x 820 mm, 25 Kg

<b>Warranty</b>	Our All the Products cover one year warranty	
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