

# Respirable Dust Sampler SLE-RDS103



## Special Features

- ☆ **Low noise operations.**
- ☆ **Brushless Blower.**
- ☆ **Portable for easy transportation.**
- ☆ **Controlled flow.**
- ☆ **SPM of particle size less than 100 microns.**
- ☆ **RSPM of particle size Less than 10 microns.**

# Respirable Dust Sampler SLE-RDS102

## INTRODUCTION

Suspended Particulate Matter (SPM) which is defined on particles of size less than 100 microns & Respirable Suspended Particles less than 10 microns have emerged as the most critical among all the categories of air pollutants & is caused by number of sources like:-

- Large, medium & small-scale industries
- Road dust construction activities, house hold fuel cooking, waste burning, vehicular emissions etc.

In order to control the pollution, it is necessary to periodically monitor the air to determine the extent of pollution and to identify the source of emission SLE-RDS102 is designed to meet these needs. This model confirm to guidelines of Central Pollution Control Board.

## TECHNICAL SPECIFICATION

Flow rate	: 0.8 to 1.5 m <sup>3</sup> /min
Particle Size	: Upto 10 micron collected on filter and SPM bigger than 10 micron collected in a separate collector cup
Blower	: Continuous duty blower with brushless Blower
Recommended filter	: GF/A (8" X 10") for common use, EPM 2000 for Special Research or equivalent
Time Record	: 0 to 99999.99 hrs. Time totalizer records the running time in hours
Timer	: 24 Hr programmable timer
Power requirement	: 220 Volts, Single phase AC

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.

## Our other Environmental Products

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



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