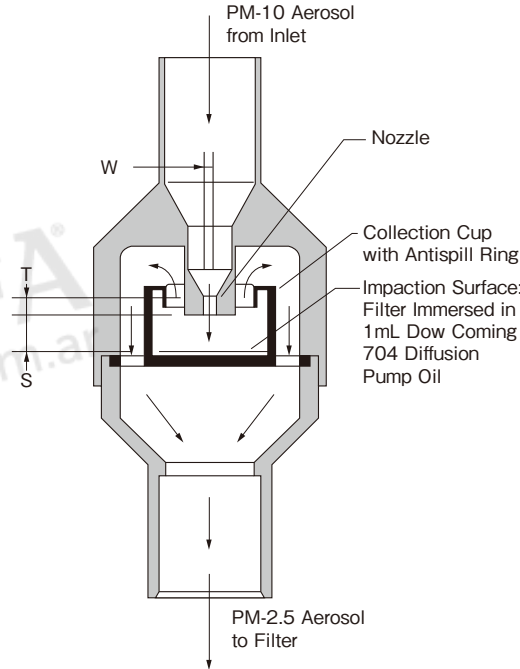


Low Volume Air Sampler for PM2.5 Model LV-250R

The LV-250R is a PM2.5 sampler. It is capable of mass concentration measurements of particulate matter (PM2.5) using a filter, based on the interim measurement manual designated by the Japanese Ministry of the Environment. With this sampler, airborne particulates in environmental air are sucked in at a constant flow rate via a suction port.



PM2.5 Impactor



Specifications

Product Name/Model No.	Low Volume Air Sampler / LV-250R
Part Number	080040-710
Particle Separation Classification	PM2.5 (Cut 50 % of 2.5 μm particles)
Suction Flow Rate	16.7L/min(10.0 to 20.0 L/min controllable)
Filter	47mm dia. (PTFE, quartz fiber)
Built-In Flow Meter	Mass-flow sensor
Thermometer	Thermistor
Pressure Gauge	Semiconductor sensor
Suction Pump	Diaphragm pump
Display	Liquid crystal display
Display Item	Flow rate, ambient temperature, ambient pressure, filter pressure loss, date, time, fault occurrence
Output	RS-232C
Operating Temperature / Humidity Range	0 to 40 $^{\circ}\text{C}$ / 10 to 90 % rh (no condensation)
Power Supply	100V AC 50/60Hz , 2A, 24 V DC (optional)
Dimensions	400 W \times 320 D \times 1414 H mm, Sampling height 2m or 3m
Weight	27kg

Specifications, and appearance described in this document are based on information as of May, 2019. They are subject to change without notice for improvement of the product. The color of actual products may differ to that of color in this data sheet.

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