

pla PERSONAL AIR SAMPLER TYPE PAS - 3

INTRODUCTION

Measurement sample of the contamination in the Air can be taken using Personal Air Sampler.



CONSTRUCTION

The Personal Air Sampler Consists of :

- Suction Pump
- Rechargeable Battery (Ni MH)
- Low Battery Indicator
- Filter Paper Holder
- Rotameter

CARE & HANDLING

Do not allow the Battery to discharge fully, in case of any malfunction, send the unit to our Service Center.

SAMPLING DEVICES

Filter Paper Holder: For monitoring of Dust, Filter Paper Holder is used. It is of Acrylic Body and is of 25mm Dia. Weigh the Filter Paper and install the same in the Holder. A stainless steel Gauge is provided as a support to the filter paper. For convenience the filter paper Holder is directly fitted to the housing.

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OPERATION

Press "SET" repeatedly to set the run time of pump on display from minimum 1 minute to maximum 10 minute or continuous mode by adjusting on display later "C" press "START" to start the pump.

After every minute, display will show decremented value of minute for 5 seconds. User can also see the remaining time by pressing key "SET" in between run time. Adjust the required flow with the help of LPM knob after switching ON the pump. After completion of the sampling, remove the sampling device and take it for analysis. Fully charged battery will run for about 2 hours.

SPECIFICATION

Flow rate : Free flow 1 LPM to 5 LPM.

Filter paper holder : 25mm dia.

Battery : Rechargeable 6V Ni MH.

CONTROLS & INDICATORS

ON/OFF Switch : The Suction Pump can be switched ON or OFF.

LED Display : 2 nos. of 7 segments display to set time in minute from 1 to 10 or Continuous mode.

Red LED : As battery voltage falls down to 5.6V the LED will glow, Indicating that battery needs recharging.

Green LED : Indication of timer set mode.

Blue LED : Timer start mode.

Flow Control (Screw Head) : To control the flow from 1 LPM to 5 LPM.

Battery Charger Jack : To connect battery charger cable.

Filter Paper Holder : To hold filter paper of 25mm dia during sampling.

Rotameter : To indicate air flow rate.

CAT.NO. PAS-3/0409A

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