

## **HIGH VOLUME AIR SAMPLER**

### **MODEL-120H**



MODEL-120series

MODEL-120H with Flow controller, Integral flow meter, Timer.

### **FEATURES**

#### **1.High Performance Pump.**

Two stage, Turbine-type Pump enables High Volume sampling constantly. Easy to change a pair of carbon brushes.

#### **2.Flow indicator.**

Sample flow rate is indicated in digital by an electric flow sensor circuit. The integral flow rate is also indicated.

#### **3.Shelter**

Special designed, compact, stable and easy carrying shelter. Its sample inlet is almost free from wind effects or rolling up sands.

#### **4.Filter**

Filter size : 203 × 253 mm. The glass fiber or the quartz filter can be used for the purpose of analysis.

#### **5.Filter Holder.(FH-120C)**

Cassette-type filter holder makes easy to change filters. One spare holder is supplied as a standard accessory.

#### **6.Flow Controller**

Specify the sampler with an automatic flow controller. The controller keeps the constant flow rate.

#### **7.Sampling Timer.**

The sampling start time and the sampling duration can be set.

#### **8.Silencer unit.**

By using this silencer unit, about 10dB noise can be cut off.

## STANDARD SPECIFICATIONS

NAME	High Volume Air Sampler
Model	Model-120H
Timer	Waiting : 1 minute~99 hours Running : 1~999 hours
Filter size	203 × 254 mm
Sample flow meter	600~1300LPM
Flow Integrator	0.1 ~ 999999.9 m <sup>3</sup>
Shelter Size	1,230 (H) × 575 (W) × 445(D) mm
Weight	about 18 kg
Power	AC 100 ± 10V or AC 220 ± 20V, 600VA, 50/60Hz
Motor Pump	Carbon Brush type motor

## ORDERING INFORMATION

M-120H-100V : AC100V type  
M-120H-220V : AC220V type

## SPARE PARTS

Carbon Brush	-100V	: No.33326-1
	-220V	: No.33378
Motor	-100V	: No.115828
	-220V	: No.116111
Flow Sensor		: No.2018
Filter Cassette		: No.FH-120C

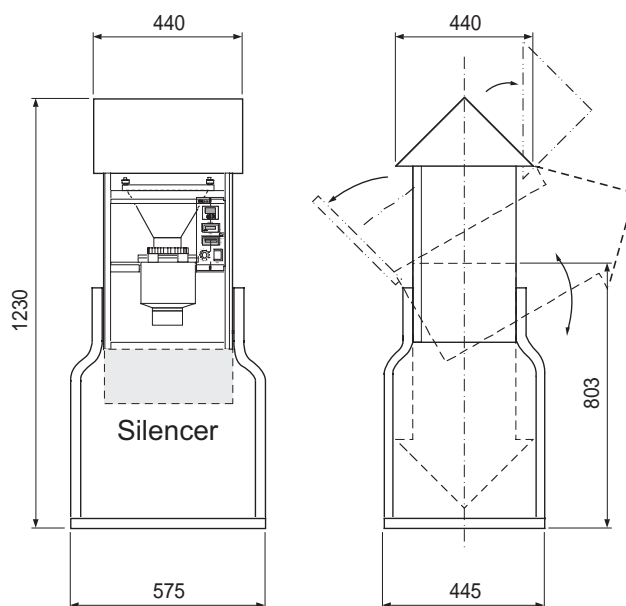
## STANDARD ACCESSORIES

1) Filter Cassette (spare)	1 ea
2) Glass Fiber Filter	1 Sheet
3) Carbon Brush	1 pair
4) Operation	1 copy
5) Test Report	1 copy

## OPTION

Silencer (to reduce pump noise)

## DIMENSIONS



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