

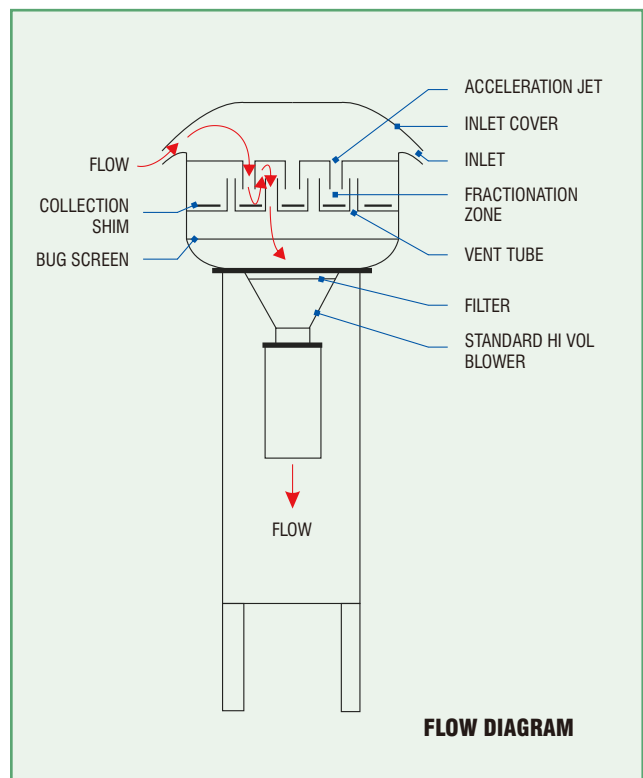
대용량 초미세 먼지 채취기

대기 | 실내 | 작업환경

PM_{2.5} High Volume Air Sampler



Model : 6070-2.5



용도

Applications

- 대기 비산 먼지 중 PM_{2.5} 농도 측정
- 납 등 대기 중 미량 중금속 시료 채취

특징

Features

- Mass Flow Controller에 의해 $\pm 2.5\%$ 이내로 유량 유지
- 기계식 또는 전자식 타이머에 의해 작동 시간 입력 가능
- 저농도의 먼지 농도시에도 단시간내에 측정 가능

SPECIFICATIONS

Inlet Collection Efficiency	Meets EPA's PM ₁₀ Reference Method Appendix 1 to part 50
Flow Rate	40 cfm(adjustable) (1.02 to 1.24m ³)
Filter Media	Micro-quartz filter media 8"×10" for PM _{2.5}
Flow Control	MFC
Motor Blower	2 stage vacuum 0.6 Hp 110V/60Hz 220V/50Hz
Flow Indicator	Flow/pressure recorder with charts
Mechanical Programmable Timer	7-day mechanical timer
Elapsed Time Indicator Device	Elapsed time indicator
Size & Weight	1.2×0.6×0.5m, 34kg (Sampler) 0.8×0.8×0.7m, 25kg (Inlet)
Power Requirement	110V/60Hz or 220V/50Hz
Altitude Application	to 10,000 feet above sea level
Ambient Temperature Application	-30 to +50 °C
Relative Humidity Application	0 ~ 100%
Sample Delay Start Range	0 ~ 7 days

CONFIGURATIONS

PM _{2.5} Size Selective Inlet	1 ea
Anodized Aluminum Shleter	1 ea
8"×10" Stainless Steel Filter Holder	1 ea
Aluminum Blower Motor Assembly	1 ea
Continuous Flow / Pressure Recorder	1 ea
Elapsed Time Indicator	1 ea
Filter Media Houlder / Filter Paper Cartridge 8"×10"	1 ea
Mass Flow Controller with 20-60 scfm Air Flow Probe	1 ea
7-day Mechanical Timer 110V/60Hz	1 ea

RECOMMENDED SPARE PARTS

Silicone Release Spray	1 set
Brushes for 220V Motor(2/set)	1 set
Glass Fiber Filter 8"×10"(100/pack)	1 pack

OPTIONAL ACCESSORIES

Calibration Kit W/Calibration Orifice	1 set
Micro Quartz Filter 8"×10"(25/pack)	1 pack