

대용량 먼지 다단 분리 채취기

대기 | 실내 | 작업환경

High Volume Cascade Impactor

용도

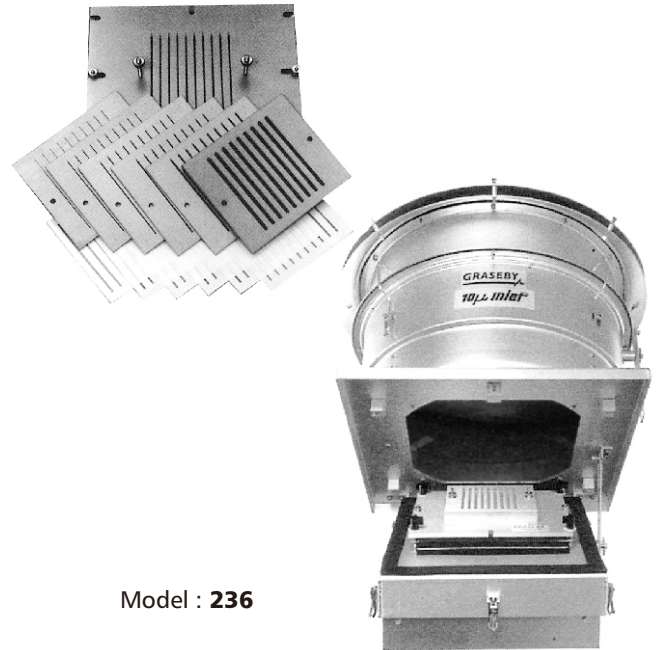
Applications

- 대기 중의 먼지를 입경 별로 분리하여 채취
- Plate에 따라 1단에서 6단계로 분리 채취

특징

Features

- 모든 종류의 High Volume Air Sampler에 적용 가능
- PM₁₀ Inlet과 동시 사용할 때에 PM₁₀ 미만에서 6단계로 분리
- PM₁₀ 및 PM_{2.5}용 Impactor만 채용시 TSP High Volume Air Sampler로 PM₁₀ 및 PM_{2.5} 측정 가능



Model : 236

SPECIFICATIONS

Flow Rate	Model 231 : 40 CFM nominal, 20~50 CFM range, Single Stage Model 234 : 40 CFM nominal, 20~50 CFM range, Four Stage Model 235 : 40 CFM nominal, 20~50 CFM range, Five Stage Model 236 : 20 CFM nominal, 10~24 CFM range, Six Stage																											
Material	Anodized aluminum alloy																											
Particle Size	Cut-offs(Microns) at 50% collection efficiency for spherical particles with unit mass density 25 °C and 760mmHg :																											
	<table border="1"> <thead> <tr> <th>Stage Number</th> <th>40 CFM</th> <th>20 CFM</th> </tr> </thead> <tbody> <tr> <td>PM₁₀ Size Selective Inlet</td> <td>10.0</td> <td>—</td> </tr> <tr> <td>1</td> <td>7.2</td> <td>10.2</td> </tr> <tr> <td>2</td> <td>3.0</td> <td>4.2</td> </tr> <tr> <td>3</td> <td>1.5</td> <td>2.1</td> </tr> <tr> <td>4</td> <td>0.95</td> <td>1.4</td> </tr> <tr> <td>5</td> <td>0.49</td> <td>0.73</td> </tr> <tr> <td>6</td> <td>—</td> <td>0.41</td> </tr> <tr> <td>Hi-Vol Filter</td> <td>0.0</td> <td>0.0</td> </tr> </tbody> </table>	Stage Number	40 CFM	20 CFM	PM ₁₀ Size Selective Inlet	10.0	—	1	7.2	10.2	2	3.0	4.2	3	1.5	2.1	4	0.95	1.4	5	0.49	0.73	6	—	0.41	Hi-Vol Filter	0.0	0.0
Stage Number	40 CFM	20 CFM																										
PM ₁₀ Size Selective Inlet	10.0	—																										
1	7.2	10.2																										
2	3.0	4.2																										
3	1.5	2.1																										
4	0.95	1.4																										
5	0.49	0.73																										
6	—	0.41																										
Hi-Vol Filter	0.0	0.0																										
Collection Substrates	143×137mm, Slotted Glass Fiber, Quartz Glass Fiber, High Purity, Aluminum, Foil																											
Overall Size	235(W)×305(L)×51(H)mm Impact Storage : 152(W)×178(L)mm																											
Shipping Information	330×254×229mm, 4.5kg																											

CONFIGURATIONS

Six Stage High Volume Cascade Impactor(20 CFM)	1 ea
8"×10" Filter Cartridge	1 ea

SUBSTRATES AND ACCESSORIES

Specially Slotted Glass Fiber Collection Substrates(100st/box)	1 box
Glass Fiber Filters 8"×10" for TSP(100/box)	1 box