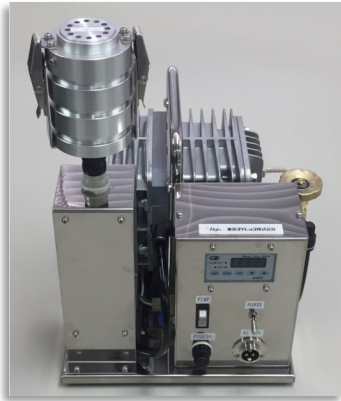


Multi nozzles Cascade Impact Sampler

Model: MCI



Feature

- The same classification performance as FRM PM2.5 Sampler
- Small and lightweight
- Easy to assemble, disassemble and repair
- Contains flow totalizer

Specifications

Impact Stage

Material: Aluminum

Flow & Classification: As shown below table

Filter Size: $\phi 47 \times \phi 20$ mm (Stage1: for $>10 \mu\text{m}$ Particles,
Stage 2: for $10 \sim 2.5 \mu\text{m}$ Particles)
 $\phi 47$ mm (for PM2.5 Particles)
(Quartz, Teflon etc.)

Weight : Approx. 0.8 kg (body)

Pump

Model: NLY-60

Flow rate range: 0 – 30 L/min

Maximum calculation: 99,999,999 L

Power supply: AC 100 V

Rated current: 3.0 A

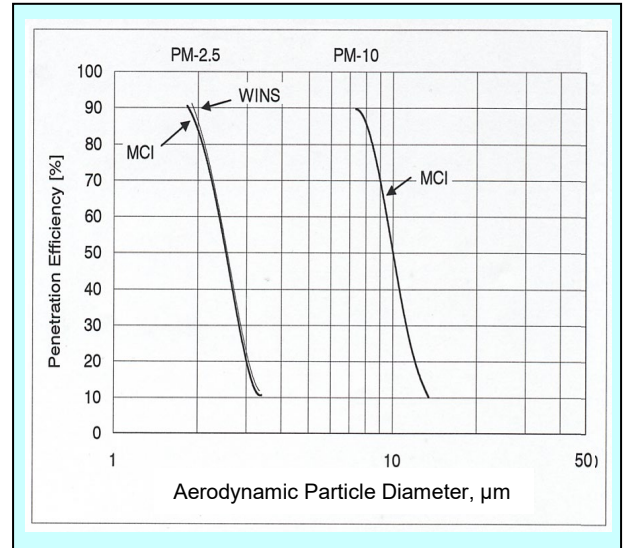
Weight: Approx. 9.2 kg (suction pump)

Dimensions: W220 (240) x D305 (310) x H350 mm (body & suction pump)
() is the dimension including convex

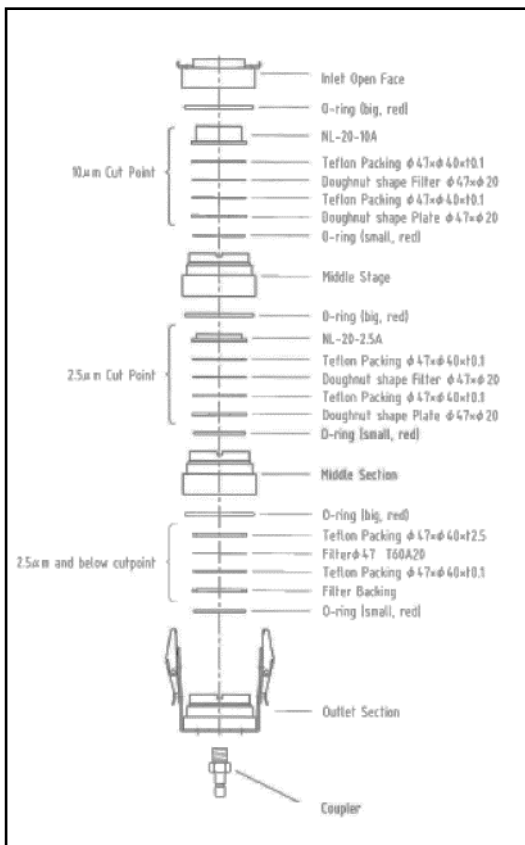
NL-F-D-A	2.5 μm Cutoff	10 μm Cutoff	Other Cutoff (D)
10L /min	NL-10-2.5 A	NL-10-10 A	NL-10-D A
20 L/min	NL-20-2.5 A	NL-20-10 A	NL-20-D A
Other flow (F)	NL-F-2.5 A	NL-F-10 A	NL- F- D A

※1 F: Flow rate D: Cutoff diameter A: Aluminum

※2 Please feel free to inquire further information of Cutoff Diameter and Flow Rate.



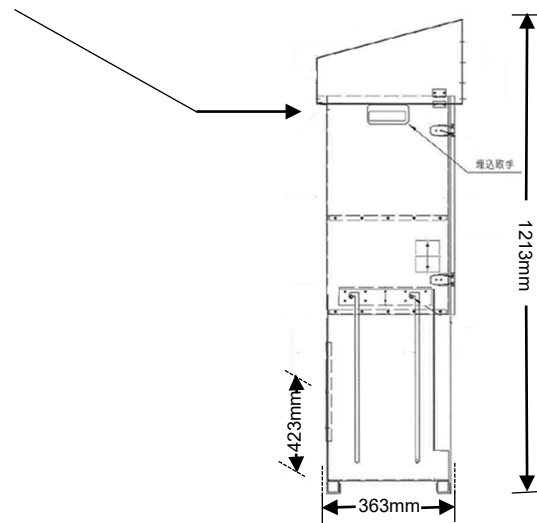
MCI Classification characteristics of PM2.5, PM-10 and WINS



MCI disassembly diagram

Option

- ◆ Outdoor sampling shelter
- ◆ In-line adapter
- ◆ Windshield



Shelter reference diagram

