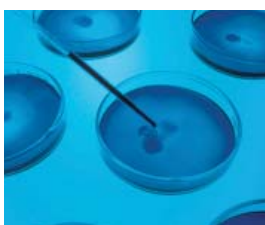


Separates particles from intramural or ambient air for the collection of bioaerosols in both respirable and non-respirable fractions.

Thermo Scientific Two Stage Viable, Andersen Cascade Impactor



Key Features

- The Original Andersen Cascade Impactor (ACI) known as the World's reference bioaerosol sampler
- Microbial impactor with verifiable flow rate
- Based on the inertial impaction principle
- Ease of set up, calibration, operation, and sterilization
- Thumb-nuts allow for easy disassembly and cleaning

The Thermo Scientific Two Stage Viable, Andersen Cascade Impactor (ACI), is a multi-orifice impactor for use when size distribution is not required and only respirable and non-respirable segregation or total counts are needed.

The Two Stage Viable Impactor consists of two sampling stages each containing 200 precision machines jet orifices. When air is drawn through the sampler, multiple jets of air direct any airborne particles on to the surface of the collection plate. The Two Stage Viable Impactor requires an exact flow rate of 28.3 lpm (1CFM).

The Two Stage Viable Impactor is comprised of an aluminum inlet cone, two sampling stages and a base plate that is held together by three thumb-nuts.

The thumb-nuts allow for easy disassembly and cleaning. An optional carrying case is available and will accommodate the impactor as well as the vacuum pump and Petri dishes.

Applications Include:

- Indoor air quality studies
- Pharmaceutical production
- Animal care laboratories
- Wastewater treatment plants
- Cosmetic manufacturing
- Filter & clean room efficiency studies
- Brewery fermentation
- Food processing area
- Hospital environments
- Grain processing and transportation
- Agricultural emissions

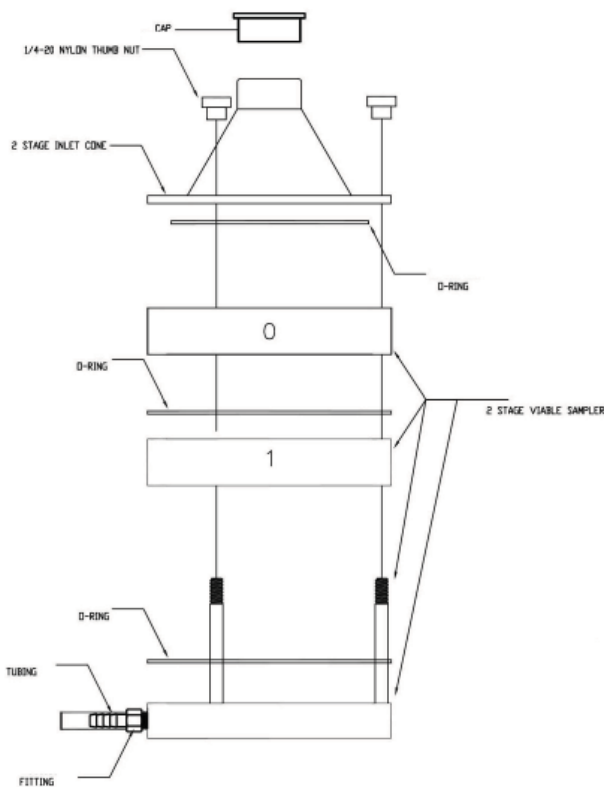
Product Specifications

To maintain optimal product performance, you need immediate access to experts worldwide, as well as priority status when your air quality equipment needs repair or replacement. We offer comprehensive, flexible support solutions for all phases of the product life cycle. Through predictable, fixed-cost pricing, our services help protect the return on investment and total cost of ownership of your Thermo Scientific air quality products.

Thermo Scientific Two Stage Viable, Andersen Cascade Impactor

Flow Rate	28.3 lpm (1CFM)
Sharp cut-off diameter	
<i>Stage 1</i>	8.0 µm and above
<i>Stage 2</i>	0.8 to 8.0 µm
Physical Dimensions	
<i>Impactor</i>	5" (12.7cm) H x 4.75" (12.1cm) D
<i>Vacuum Pump & Case</i>	9.5" (24.1cm) W x 5.5" (14cm) H x 4.85" (11.4cm) D
<i>Carrying Case</i>	22" (55.9cm) W x 10" (25.4cm) H x 5" (12.7 cm) D
Weight	
<i>Impactor</i>	2.8 lbs (1.27kg)
<i>Vacuum Pump & Case</i>	8.6 lbs (3.9kg)
<i>Carrying Case</i>	8 lbs (3.6kg)
Calibration	Primary standard calibration device

Assembly



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This product is manufactured in a plant whose quality management system is ISO 9001 certified.

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