

Viable Impactor, N6 Single Stage

The single stage, N6, microbial impactor was specifically designed by NIOSH researchers to meet the specifications of the latest ACGIH Bioaerosol Committee concerning sampling protocol, EPA, OSHA and FDA reference the Andersen-N6 Cascade Impactors in their particle sizing protocols. This inertial impactor obtains a sharp cut-off diameter of 0.65 μm .

Product Detail

The N6 is comprised of an aluminum inlet cone, jet stage, and a base plate held together by three spring clamps and sealed with O-ring gaskets. The jet stage has 400 precision machined jet orifices. This Single Stage Viable Impactor requires a flow rate of exactly 28.3 lpm (1 CFM) to achieve the well documented cut-off diameter of 0.65 μm .

Microbial Sampling Applications

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

