

Thermo Scientific

## Thermo Scientific Andersen N6 Microbial Sampler

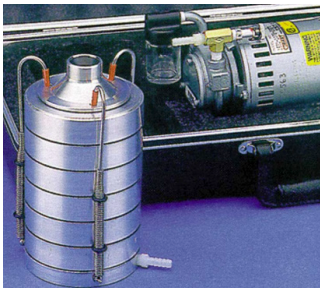
Pine Item #52116

### DESCRIPTION:

The NIOSH N6 sampler meets A.C.G.I.H. specifications for bio-aerosol sampling and analysis. The N6 sampler collects airborne micro-organisms in such applications as indoor air quality studies, filter and cleanroom efficiency studies, pharmaceutical production, animal care laboratories, food processing areas and any environment in which contamination must be controlled.

### FEATURES:

- Meets ACGIH specs
- Minimal set-up efficient sampling
- Single or Two Stage Models Available
- Sampler is constructed with aluminum components that are held together with three spring clamps and sealed with O-ring gaskets; impactor stage contains 400 precision-drilled orifices
- Collection plate is prepared by aseptically pipetting 41mL of sterile culture media into a 15mm disposable plastic Petri dish
- Collection plate with cover removed fits into base of sampling instrument
- Air to be sampled enters the sampler and accelerates through the jet orifices of the classification stage; smaller particles are inertial impacted on the agar plate
- Viable particles are retained on the agar plate and the exhaust air is carried through the outlet in the base of the instrument to the vacuum source
- System comes with a continuous-duty vacuum pump; any vacuum source which is the equivalent of 10 in. of mercury or more will maintain the flow rate of 1 acfm required for maximum collection efficiency
- Requires a flow rate of exactly 28.3L/min. (1 cfm) to achieve sharp cut-off diameter of 0.65µm



### 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

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## Product Specifications

<b>Flow Rate</b>	28.3lpm
<b>Sharp cut-off diameter</b>	0.65 microns
<b>Calibration</b>	NIST traceable flow calibration (optional)
<b>Dimensions</b>	US: 2.9 x 4.13. Metric: 7.4 x 10.5
<b>Weight</b>	US: 1.25 lb. Metric: 0.57 kg



**Video:**  
<https://youtu.be/SxLoqO-8jL4I>

**Local Delivery Pick-up**

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