



Cotton Dust Sampler

Vertical Elutriator

The TE-4000 cotton dust sampler is used for measuring human exposure to ambient cotton dust. Cotton dust particulates vary in size from particles that are visible to the naked eye to those that are nearly invisible. The design of the vertical elutriator ensure that only particles with settling velocities less than the velocity of the airstream (7.4 LPM) will be carried up to the filter. The cotton dust sampler must be suspended vertically near the breathing zone, it can be mounted directly to a post or using the optional tripod stand.

ABOUT US: Tisch Environmental Inc. Tisch Environmental is the benchmark for high volume air sampling, particulate, metals, volatiles, and specialty monitoring equipment. Since the company's inception in 1953 as General Metal Works, our product line has expanded from the first high volume air sampler to include high-tech and custom samplers. Our clients are professionals from every sector of the regulatory and industrial markets.

- ⓘ **Robust Vacuum Pump**
- ⓘ **Heavy Duty Tripod Stand(optional)**
- ⓘ **Aluminum Verticle Elutriator**
- ⓘ **7.4 LPM Critical Orifice**
- ⓘ **Made In USA**

General Specifications

Flow Rate: 7.4 LPM +/- 2%

Motor: Oil-less Pump

Vertical Elutriator: Aluminum, 6" dia. x 28" Long

Power: 110 volt 60 Hz, 220 volt 50-60 Hz

Filter Cassette: 37mm

Physical Specifications

Shipping Weight: 22 lbs

Shipping Dimensions: 42" @ 15" x 19" K