

Aerosol Electrometer

Model 3068B

A reference standard for measuring the total amount of charge on aerosol particles.

This reference instrument provides accurate measurements of total net charge on aerosol particles from 0.002 to 5 μm . In combination with a monodisperse aerosol generator, it serves as a particle number concentration reference standard.

- High sensitivity of ± 1 fA
- Wide dynamic range with no range settings ($\pm 12,500$ fA)
- Temperature stabilized to significantly reduce drift
- Automatic flow control (0.3 to 10 L/min) with accuracy down to ± 3 %
- Low internal particle losses
- Fundamental particle concentration measurement when used along with a TSI® Electrostatic Classifier. Cannot be used as a detector in a Scanning Mobility Particle Sizer™
- Wide particle size range (0.002 to 5.0 μm)



Accessory (available separately)

Specify	Description
3032	Vacuum Pump

