

Optical Particle Sizer

Model 3330

Portable and easy-to-use particle sizer for particles 0.3 - 10 μm in size.

The Optical Particle Sizer 3330 (OPS) is a light, portable unit that uses single-particle counting technology to provide fast, accurate measurement of particle concentration from 0 to 3,000 particles/ cm^3 and particle size distribution for 0.3 to 10 μm in up to 16 user-configurable channels. Backed by over 40 years of aerosol instrumentation design experience, the OPS uses state-of-the-art optics with 120° light collection and sophisticated electronics processing resulting in precision, high-quality data. The affordable, easy-to-use package features a color touch screen with an intuitive user interface. Rigorous factory calibration standards ensure measurement accuracy.

The model 3330 includes the ability to enter the index of refraction and shape factor of the aerosol into the software to provide more accurate size distributions. The size boundaries can be adjusted using both real and imaginary components of refractive index. A unique density for every size channel can also be entered into the software to further improve mass concentration measurements.

The model 3330 is manufactured at TSI's ISO 9001 certified facility. It is calibrated according to ISO 21501-1 using NIST traceable PSL spheres and TSI's Electrostatic Classifier and Condensation Particle Counters. PSL is the industry-wide calibration aerosol of choice because it is traceable to national standards throughout the world. Each OPS that leaves the factory is built for longevity, backed by TSI's commitment to quality, and supported by our worldwide network of committed TSI® professionals.

Applications

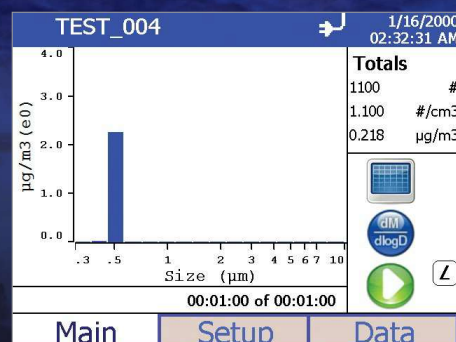
- Filter Testing
- Indoor Air Quality
- Workplace Monitoring
- Industrial Measurements
- Hotspots

OPS Accessories (available separately)

Specify	Description
3332-10	10:1 Diluter
3332-100	100:1 Diluter



OPS 3330 setup screen.



Mass size distribution for 0.49 μm classified PSL spheres.

