

ELECTROSTATIC CLASSIFIER 3082

SKU: 3082

Our latest Electrostatic Classifier 3082 continues to be the solution in helping scientists generate and size submicrometer particles, but with expanded capabilities and an easy-to-use interface.



PRODUCT DETAILS

Since 1976, TSI Electrostatic Classifiers have been helping scientists generate and size submicrometer particles. These instruments have been used in a broad variety of research and have earned a well-deserved reputation for being highly reliable and extremely versatile. The current design offers tool-free installation and auto detection of configurable components. The controller platform for sub-micrometer sizing. Select one of our three DMAs for size range and resolution. Combine with one our Condensation Particle Counters to obtain a Scanning Mobility Particle Sizer™ system.

ADVANTAGES OVER PREVIOUS DESIGN

- Smaller and lighter
- Convenient front-panel touch-screen display with graphical user interface control
- Tool-free installation and auto detection of configurable components
- Data logging of size distribution measurements
- Higher maximum sheath flow for increased size resolution
- Precision dynamic DMA high-voltage supply for faster scanning (<10 sec)
- Switchable DMA voltage polarity (optional, negative polarity is standard)

APPLICATIONS

- Monodisperse aerosol generation
- Particle sizing

FEATURES & BENEFITS

- Supports Long, Nano and 1nm DMA
- Compatible with SMPS systems
- Generates particles from 2 to 1000 nm