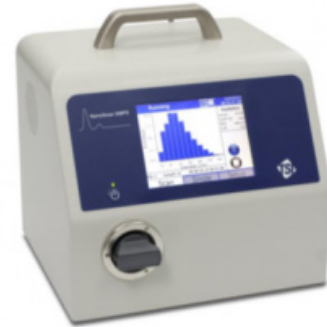


TSI Nanoscan SMPS Nanoparticle Sizer Model 3910

Rental and Application Notes

- Real-time nanoparticle size measurements
- Ideal for applications that demand portability
- General applied research
- Indoor/outdoor air quality investigations
- Nanotechnology/nanoparticle applications
- Combustion/emission research



	Specifications
Weight	<9kg (<19.5 lbs); with 2 batteries
Dimensions	45 cm x 23 cm x 39 cm
Power	100 to 240 VAC, 50/60 Hz; AC Adaptor or battery power
Display	Color touchscreen
Communications	USB
Size Range	10 to 420 nm
Size Channels	13
Particle Concentration	100-1,000,000 particles/cm ³
Measurement Time	Size distributions: 60 s (45 s upscan, 15 s downscan) Single size mode: 1 s
Condensing Liquid	Reagent grade (99.5% or better); isopropyl alcohol
Fill System	Wick only (-8 hrs operation @ 21°C (70°F)); Optional external bottle
Data storage	3-8 days on-board memory; USB storage drive option
Operating Temperature	10-30°C: 0-40% RH or greater depending on dew point; up to 80% with optional diffusion drier
Warm Up Time	<15 minutes