

## Scanning Mobility Particle Sizer™ Spectrometer

Model 3034: RP-3034

Standard maintenance and calibration service for the Scanning Mobility Particle Sizer™ Model 3034 consists of these procedures:

- 1) Review written instructions or explanation of problem from customer
- 2) Initial inspection
- 3) Update manual, firmware, and software as necessary
- 4) Clean DMA, cyclone and optics
- 5) Calibrate flow rates and high voltage
- 6) Inspect and replace as needed: Dacron screen, filters, tubing, and O-rings
- 7) Leak check
- 8) Align optics
- 9) Zero check
- 10) Final electrical checkout and performance verification

*Note:* The Scanning Mobility Particle Sizer™ Model 3034 must be shipped to TSI **without** the internal radioactive neutralizer (Model 3077 or 3077A). Also, the effective service life of the Kr-85 neutralizer is 10.4 years, regardless of use. For shipment and disposal of old neutralizers, or to purchase a replacement unit, contact TSI.

Standard service includes minor repairs and replacement parts. Major repairs and replacement parts will be charged for parts and labor. TSI will contact the customer for approval before making any major repairs.

Turnaround time for standard service is approximately two weeks after receipt of the instrument. TSI service work is backed by a 90-day service warranty.

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