

Ultrafine Particle Monitor

Model 3031 and 3031-1: RP-3031

Standard maintenance and calibration service for the Ultrafine (UFP) Particle Monitor Model 3031 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 equalization tank
- 5) Calibrate flow rates and high voltage
- 6) Inspect and replace as needed: Dacron screen, corona needle, filters, tubing, and O-rings
- 7) Leak check
- 8) Zero check
- 9) Final electrical checkout and performance verification

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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