

Engine Exhaust Condensation Particle Counter

Model 3790:RP-3790

Standard maintenance and calibration service for the Engine Exhaust Condensation Particle Counter Model 3790 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 instrument
- 5) Inspect and replace as needed: wick, filters, tubing, and O-rings
- 6) Verify thermistor and liquid level sensor calibration
- 7) Verify flow
- 8) Check laser power and analog pulse
- 9) Leak check
- 10) Zero check
- 11) 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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