

Electrostatic Classifier

Model 3080:RO-3080

Standard maintenance and calibration service for the Electrostatic Classifier Model 3080 includes service on either the Model 3081 Long DMA or Model 3085 nano-DMA and 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
- 5) Calibrate sheathe and bypass flow rates, impactor nozzles*, and high voltage
- 6) Inspect and replace as needed: Dacron screen, filters, tubing, and O-rings
- 7) Leak check
- 8) Final electrical checkout and performance verification

* Be sure to return all three impactor nozzles for cleaning and calibration.

Note: *The Electrostatic Classifier 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.

TSI Incorporated – 500 Cardigan Road, Shoreview, MN 55126 U.S.A

USA Tel: +1 800 874 2811

UK Tel: +44 149 4 459200

France Tel: +33 491 95 21 90

Germany Tel: +49 241 523030

India Tel: +91 80 41132470

China Tel: +86 10 8260 1595

E-mail: particle@tsi.com

E-mail: tsiuk@tsi.com

E-mail: tsifrance@tsi.com

E-mail: tsigmbh@tsi.com

E-mail: tsi-india@tsi.com

E-mail: tsibeijing@tsi.com

Website: www.tsi.com

Website: www.tsiinc.co.uk

Website: www.tsiinc.fr

Website: www.tsiinc.de



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