

# Service Options



## Laser Aerosol Spectrometer

### 3340A

TSI® service, performed on an annual basis, helps to keep your LAS 3340A in proper working order. TSI® offers two levels of service: Clean and Calibrate, and Repair, Clean and Calibrate.

Read below to learn what is included in each service.



#### Clean and Calibrate Service includes:

- Confirm voltages at circuit boards. Set reference voltage to ensure proper sizing and counting
- Verify fan performance and leak-free flow path
- Clean laser window
- Align optics while running reference particles (100 nm PSL)

**Replace**

- Replace filters, tubing, and o-rings as needed
- Calibrate particle sizing from 0.1 – 7 microns using NIST-traceable PSL

#### Zero Check

- Conduct 24 hours of zero check testing to ensure concentration accuracy, and meet or exceed false count specification of < 1 particle / 5 minutes

#### Counting Efficiency

- Confirm counting efficiency of instrument relative to a reference single-particle-counting instrument (CPC) using monodisperse aerosol

#### Broken Parts

- Internal pump, circuit board, etc.

*(In such cases, consider 'Repair, Clean and Calibrate' service)*

#### Physical Damage

- Scratches on case

#### Does NOT Include

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## Repair, Clean and Calibrate includes:

Repair

- Repair or replace broken parts (e.g. internal pump, circuit board)

Clean and  
Calibrate

- All actions in a standard 'Clean and Calibrate' service  
are then performed

Does NOT  
Include

- Physical damage (e.g. scratches on case)

## What Makes TSI® Service Valuable?

As a result of TSI® service, you are returned an optimally performing and updated instrument. The service is performed by TSI's experienced technicians for a fixed price. This simple service process allows you to stay focused on the work that is important to you. TSI's calibration of the 3340A LAS is traceable to National Standards and Metrology Institutes (NIST, NPL UK) and other accepted values of physical constants. TSI® is registered to ISO-9001:2015.

These TSI services come with a 90-day warranty on labor performed, or parts used, during the service.

### Request Service

Specify	Description
CL-3340A	Clean and Calibrate
RP-3340A	Repair, Clean and Calibrate

Call, or visit  
[tsi.com/requestservice](http://tsi.com/requestservice)



Knowledge Beyond Measure.

**TSI Incorporated** - Visit our website [www.tsi.com](http://www.tsi.com) for more information.

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