



Aethalometer[®] Service Program

Magee Scientific is pleased to offer factory preventative maintenance and cleaning services for our Aethalometer model instruments. We recommend the standard service be performed every 1 to 2 years, depending on frequency of instrument usage and the typical average aerosol concentrations at your location. Instruments in continuous use at highly polluted or dusty locations will benefit from servicing at least once per year.

The service is available for the following models:

AE16: Rack mount, single-beam

AE21: Rack mount, dual-beam

AE22: Rack mount, dual-beam

AE31: Rack mount, spectrum (or seven-beam)

AE42: Portable, dual-beam

Our standard 'Preventive Maintenance and Cleaning' service provides the following:

- Incoming inspection to document 'as-received' condition
- Diagnosis of any problems, interpretation of customer report
- Clean entire instrument, remove surface dust
- Clean interior of optical chamber (alcohol rinse in ultrasonic bath)
- Clean chamber base, remove any accumulation of quartz fiber
- Replace floppy disk drive if present
- Replace computer memory backup battery
- Replace cartridge bypass filter
- Install most recent version of software appropriate for instrument age and type
- Check optical signals and stability of electronics
- Re-calibrate flow meter
- Run instrument for 36 hours, print out midnight-midnight data chart
- Final integrity check and sign-off

The normal turn-around time for this service is 5 days. Any items requiring replacement other than (6), (7) or (8) will be offered from our price list (parts + labor) for your approval. Service charge includes one-way, return shipping.

Specify the work as 'Aethalometer Preventive Maintenance Service' on your order. Please contact us before shipping any equipment, so that we may schedule the service and issue the appropriate Return Authorization number.

Magee Scientific Company - +1 510.845.2801 tel - www.mageescientific.com
+1 510.845.7137 fax