AVL Equipment Calibration
ON-SITE AND FACTORY CALIBRATION & ADJUSTMENT SERVICES

What is AVL Equipment Calibration?
AVL provides on-site and factory calibration & adjustment services to ensure that your AVL equipment is properly and regularly calibrated, according to defined quality and/or legislative standards and that your measuring results are accurate, consistent and plausible.

On-site Calibration
The following devices can be calibrated by a Service Engineer at your site. The recommended calibration interval for these devices is 12 months.

Fuel Balance AVL 733S  Smoke Meter AVL 415S
Fuel Mass Flow Meter AVL 735S  Micro Soot Sensor AVL 483
Fuel Measuring System KMA 4000  AVL Emission Bench
AVL Fuel Exact  Dynamometer
Opacimeter AVL 439  GAS PEMS
F-FEM & FEM-Classic

If the devices are being used for legislative emissions testing, the mandatory calibration intervals may be shorter.
Factory Calibration

For technical reasons some equipment must be calibrated at an AVL Calibration Center. Here the devices are calibrated with regard to their specification in compliance with standardized measuring procedures. Accuracy is ensured by following national and international standards or suitable calibration methods. Following calibration, check-out tests are performed according to AVL testing guidelines, ISO 9001 and VDA 6.4 standards. The results are recorded and logged, together with the performed work-steps, in a calibration report.

The following devices can be calibrated at an AVL Calibration Center. Calibration intervals vary between 12 and 36 months. For legislative emissions testing, the mandatory intervals for calibration and linearity checks apply.

- Blow-By Meter AVL 442
- Combustion Noise Meter
- Gas Divider
- Indimodul AVL 621
- Intake Air Consumption
- Micro iFem
- Particle Counter AVL 489
- Neutral density filters
- PM-PEMS
- AVL Fuel Reference
- Current Converters
- PLU Sensors
- F-FEM & FEM-Classic
- Indimeter AVL 619
- Indiset AVL 631
- LFE for Smart Sampler
- Micro Soot Sensor
- Torque flange
- Reference standards
- GAS-PEMS (also possible on-site)
- Power Analyzers

The equipment used for calibration is subject to official inspection, according to ISO 9001. To ensure traceability of measurement results, the devices used as the calibration standard are mandatorily calibrated on an annual basis.

What do these services cost?

For all product calibrations, AVL offers a package price to enable simple cost planning and uncomplicated, fast handling of the test equipment. For the duration of the calibration, you can rent a replacement device from the AVL rental pool. A fixed charge applies, depending on the device. Subject to availability.

How can I get these services?

Please contact your local AVL Sales or Service representative who can arrange a meeting or call to discuss your requirements and draw up a proposal for you.

Related AVL services you may be interested in:

- Hardware Maintenance