

Calibration Services

Regular calibration of your equipment at ECOTECH's NATA accredited laboratory is the best way to ensure the longevity and accuracy of your instruments.

- NATA/ISO 17025 Accredited Calibrations
- NIST Traceable Calibrations
- Traceable Calibrations.

Using ECOTECH's NATA accredited services quantifies any instrument drift over time; assuring the integrity and traceability of your measurements.

Customers of ECOTECH's calibration services include:

- Environmental protection authorities
- HVAC industry
- Wind energy companies
- Mining & construction companies
- Environmental researchers & consultants.

THE ECOTECH DIFFERENCE

- Calibrations underpinned by ECOTECH's NATA/ISO accreditationsⁱ
- Confidence that comes from using a NATA accredited laboratory to calibrate your equipment
- The only NATA accredited laboratory in Australia for pyranometer calibrations
- The only NATA accredited laboratory in Australia that can calibrate all types of anemometers
- Calibration recall alerts emailed before due date
- Access to other ECOTECH services including instrumentation repairs and firmware upgrades
- Advanced scheduling to ensure efficient turn around
- Rentals and swapouts available.



NATA/ISO 17025 ACCREDITED¹ CALIBRATIONS

Anemometers

- Conventional vane, hot wire, cup, propeller, ultrasonic and pitot tube anemometer calibration
- All makes and models
- Wind speed calibration range: 0.3 to 30.0 m/s
- Wind direction calibration

Pyranometers

- Solar radiation sensor calibration
- Calibration range: 550 to 1100 W/m²
- Calibration results traceable to the World Radiometric Reference (WRR)

Ozone Analysers

- Ultraviolet absorption and chemiluminescence ozone analyser calibration
- Calibration range: 20 to 520 ppb

Temperature Sensors

- Calibration range: 0 to 40 °C

Relative Humidity Sensors

- Calibration range: 20 to 90 % RH

NIST TRACEABLE CALIBRATIONS

Mercury Analysers

- Service and calibration of gold film and UV absorption mercury analysers
- Standard calibration points: 0 to 50 µg/m³

TRACEABLE CALIBRATIONS

We provide other calibrations which are all traceable to reference equipment calibrated by NATA accredited laboratories

Flow Meters

- Calibration range: 10 ccm - 18 LPM

Barometers

- Calibration range: 950 to 1050 mbars

Manometers

- Calibration range: 950 to 1050 mbars

HiVol Orifice Plates

- Calibration range: 30 to 114 m³/hr

Teledyne Oxygen Sensors

- Calibration points: 0 and 20.9 % oxygen

