

Instrument rental, repair and calibration services



Expedited, expert equipment services and complete engineered solutions to keep your operations up and running



Instrument rental:

Available for daily, weekly or monthly rentals (and rent-to-own), our equipment is calibrated to NIST traceable standards.

- Portable gas analyzers (examples: percent and trace [ppm] O₂, moisture, total hydrocarbon [THC], binary gas analyzers, etc.)
- Process analyzer integration
- Bore scopes
- Handheld field device protocol communicators
- Data loggers
- Leak detection
- Thermal imaging equipment
- Laser alignment equipment
- Digital pressure calibration
- Temperature calibration equipment
- Digital temperature indicator
- Tachometer
- Sound/noise monitoring meters
- Digital electrical meters and scopes
- Ultrasonic flow meter
- Mass flow controllers and monitors

Whenever you need it, our expertise and inventory of equipment are just a phone call away:

- “Drop and swap” or turnkey solutions: use a rental instrument while we repair yours
- Emergency services available
- Extensive stock of analytical, process and calibration instrumentation, plus current and legacy parts.
- Short- and long-term rentals

Air Products is an industry leader in safety, technology, innovation and operational excellence. For over 70 years, the company has enabled customers to become more productive, energy-efficient and sustainable. More than 20,000 employees in over 50 countries supply innovative solutions to the energy, environment and emerging markets. These include semiconductor materials, refinery hydrogen, coal gasification, natural gas liquefaction, and advanced coatings and adhesives.

The experience gained from designing and building over 2,200 plant units, and **owning and operating 800 plants**, provides us with an unprecedented amount of know-how and equipment to assist you in meeting your operational and continuous improvement goals with comprehensive, safety-focused technical services.

Air Products is your resource for instrument rental, repair and calibration services, and field support. Our enhanced collaboration of technical support and services is available to you on an “as needed” basis and helps eliminate your high cost of owning and maintaining expensive instrumentation and parts.

Shop services – instrument calibration and repair:

Troubleshooting and repair of current and legacy analytical instruments that are no longer supported by the OEM. All instruments are calibrated to NIST traceable standards.

- Phone consultation and support
- On-site troubleshooting and repair
- Analyzer troubleshooting and repair
- Application support—get the right instrument for your needs
- Extensive network of OEM technical support
- Area monitor and life safety system design, support and repair
- Engineered solutions—engineering, design, automation, and fabrication of complex and novel equipment and process systems; fast and efficient turnaround of safe, reliable systems and equipment

Field services – instrument calibration and repair:

Calibrations, troubleshooting and support of your equipment in the field.

- Analyzer change-outs
- Equipment—state-of-the-art laser alignment and repair
- Design, fabrication, and installation of custom panels, sampling equipment, and systems
- Process efficiency evaluation/solutions
- Preventive evaluations and monitoring
- Project execution and support, retrofits, automation
- Turnaround and preventive maintenance (PM) support
- Failure analysis/root cause analysis services
- Industry standards and new technology applications
- Product safety and applications support

Here is how our customers are using our instrument rental, repair and calibration services in their operations:

Success story 1

Working with our customer, a major soft drink manufacturer, we engineered, designed and fabricated a custom gas sampling system, complete with NIST traceable gas analyzers and custom instrumentation, to monitor and validate a process gas supply that was previously discarded as waste. This enabled the customer to better utilize the gas supply, resulting in a significant increase in productivity and a reduction in gas consumption.

Success story 2

A critical welding application at one of our customers was experiencing unexplained defects. Working with our customer, we supplied the analysis and equipment to identify the source of the contaminants in a blanket gas that were causing costly quality defects in critical welds and adversely impacting project schedules. After identifying the source of contamination, alternative supply hoses were specified and standard operating procedures created to eliminate future gas contamination and subsequent quality issues.

Take advantage of our expertise and inventory of equipment today by utilizing our instrument rental, repair and calibration services. Our team is available around the clock, when and where you need it.

Call your Equipment Sales and Plant Support (ESPS) sales representative today to find out more.

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