



Unique QA/QC Test Facility for Protocol Gas



As a testament to Ashtead Technology's quality assurance, this special regulator pressure manifold, designed in conjunction with Airgas, checks the regulator for leaks and purges it of contaminants before and after every rental.

In line with the company's policy to deliver market leading rental instrumentation that is tested, calibrated and in perfect working condition every time, **Ashtead Technology** has developed a testing facility to ensure maximum accuracy in the Protocol gas sampling and emission monitoring equipment that the company supplies to process engineers and stack testers all over the United States.

Ashtead Technology's *Lawrence Fisher*, a former professional stack tester himself, says, "The sampling and analysis of air pollutants demands high levels of confidence in sampling equipment with almost non-existent levels of contamination. Our customers need to be certain that the emission monitoring equipment we supply will be delivered in great condition; tested, calibrated and ready to go.

"...the testing and cleaning methods that we employ for heated sample lines are painstaking and rigorous... we estimate that our procedures can reduce background bias interference levels by up to ten-fold!"

"It is vitally important that all possible interferences and sources of bias are removed. To achieve this, we have partnered with the market leading supplier of speciality gases, Airgas and established an in-house QA/QC facility to ensure that Ashtead customers can rely heavily on the equipment that we provide.

"For example, the testing and cleaning methods that we employ for heated sample lines are painstaking

ing and rigorous, which is important because sample gases must not be exposed to any contamination from probe tip to analyzer; we estimate that our procedures can reduce background bias interference levels by up to ten-fold!”

Ashtead Technology is able to make such claims because every heated sample line is tested in-house before being sealed and dispatched to customers. Similarly, a specially designed gas pressure manifold checks the pressure of every protocol gas bottle before shipment and a regulator pressure test bench ensures that every regulator is purged and leaked checked before delivery.

Commenting on the company’s investment in technical support staff and the emissions sampling and monitoring equipment test and refurbishment facility, company President Andy Holroyd says, “This resource is just one example of the ways in which we add unique levels of service to the instruments that we rent, which supports our aim to maintain Ashtead’s position as the largest specialty instrument rental firm in the US.”

In addition to maintaining a top quality rental fleet, Ashtead also offers:

- Flexible terms and shipping options
- Multiple constituent analyzers
- 0-100% Analyzers for high range CO, O₂, and CO₂ applications
- Office Locations in the Gulf Coast and Midwest
- Airgas Tier 1 Partner and Rental Gas Supplier

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Full details on Ashtead Technology’s fleet of gas detection equipment for stack testing, process monitoring, ambient monitoring, leak detection and occupational safety are available on our web site at www.ashtead-technology.com.

At **Ashtead** we focus our *business* on rentals and our *attention* on the customer. We not only meet the equipment needs of a dynamic global market, but provide unparalleled customer service and support. Technical professionals rely on **Ashtead** not only for our expertise, but our commitment to keep pace with technology.



Call us toll free at 877-GAS RENT
www.ashtead-technology.com