Performance under pressure

Visit our websites at climaxportable.com

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WE’RE #1
FOR A REASON

CALDER VALVE INSTITUTE
CALDER has been teaching the fundamentals and fine points of valve testing operation for as long as we’ve been inventing and building the systems. CALDER institute offers:

• Training Institutes in Portland OR, Houston TX, Manchester UK, Duren Germany, and Dubai UAE, among others
• Safety training
• Machine setup and operation
• Technical tips and tools to improve operational performance and efficiency
• Hands-on training and valve testing skills development

Whether it’s a regularly scheduled course at one of our CALDER Institutes, or a custom curriculum conducted at your facility, your valve test operators will benefit from courses developed by the most experienced and respected professionals in the business.

CALDER CARE PROGRAM
Preventive maintenance and service package includes:

• Parts Replacement Guarantee - All parts replaced for the term of the package
• Technical Assistance by Phone - A CALDER Care Hotline for 24-7 US based expert advice from repair professionals
• On-Site Preventive Maintenance - Yearly PM visit by a Certified CALDER Service Technician
• Extended Warranty Coverage - CALDER is the only company in our industry with a 2-year warranty and offering extended warranty programs out to 5 years

WHY CHOOSE CALDER

• The modular, highly configurable and field-upgradable design of the new CALDER tester platform is the most flexible and cost-effective way to manage all your valve testing requirements. It can grow and evolve your business.
• The new CALDER test systems are designed to be more accurate and precise than other comparable products
• Unique to the valve testing industry, every CALDER component is ISO certified to the maximum pressure specification of the system, for enhanced safety, quality and durability
• CALDER offers users the ability to simultaneously test multiple valves with one system
• Unmatched in the industry, all CALDER systems are backed by a 2-year warranty
• CALDER has global reach and local support through CLIMAX’s vast worldwide network
• CALDER offers a complete line of Valve Repair Machines for testing, precision and specialized valve machining operations
• CALDER offers a full portfolio of Test Barriers and Hydraulic Seal Clamps among other products
• CALDER offers SawTooth™ intelligent data acquisition, analysis and control systems for use with our testers
• Custom turn-key system design services from the most experienced engineers and valve test experts in the business
• Outrageously good customer service. We are available 24/7!
• End-to-End Solutions: from products, consulting, engineering, custom design, training, start-up, after-sales service, spare parts, repair, and rentals, CALDER offers unmatched value in our industry
• ALL CALDER products are CE certified and manufactured in our ISO 9001 certified factory
• All CALDER products are proudly made in the USA

HPC HydroPro™ TEST CONSOLE
The HPC is the most variable and user-friendly tester in the industry, capable of performing a wide variety of valve tests when paired with a CALDER hydraulic clamping system or even blind flanged. Every component in the tester is OSM-certified to the maximum allowable working pressure of the system. This is by far the most flexible and cost-effective way to manage your valve testing program.

USV HydroPro™ UNIVERSAL STRAIGHT VALVE TESTER
Clamps and seals straight-bodied valves for pressure testing. Capable of hydrostatic tests up to 97,000 psi and low-pressure air tests up to 125 psi.*

• Our unique lifting feature rotates clamped valves 90° from horizontal to vertical, ensuring removal of all air prior to pressurizing the system. Our patented Easy-Out™ Seal Plate Holders allow quick change-out of seal plates from flanged to other valve and line connections without the use of special tools, bolts, nuts or gaskets.

VALVE REPAIR MACHINES
Lightweight for easy handling and installation, our valve grinding and lapping machines offer working ranges for gate valves from 3/8 to 1000 mm. You can quickly change grinding disks and adjust the grind pressure during operation. We also have many specialty and custom products for valve repair applications. Give us a call, there’s no job we can’t do!

HFS HydroPro™ HYDRAULIC FLANGE SEALS
Clamps and seals flanged valves for pressure testing and eliminates all loose flanges. Packed with the HydroPro™ Universal Flange Tester, it is capable of hydrostatic tests up to 9,700 psi and low-pressure air tests up to 125 psi, ensuring the user to test API valves, where cross-body pressure on the valve is not an option.

SRV CONTROL VALVE COMBO TESTER
The combination valve tester (CVT) family will support safety relief valve with flanges from 0.5 to 12 inches (12.7 to 304.8 mm) and control valves from 2 to 32 inches (50.8 – 804.6 mm). The parallel-acting pressure-sensing safety interlock prevents releasing the valve while under test pressure. This universal platform will test gas valves up to 5,400 psi (372 bar) and hydrostatically test control valves up to 9,700 psi (668 bar). When paired with the SRV Control Console and a SmartTest™ system the operator will have the ability to support a wide range of applications throughout their facility.

SAFETY RELIEF VALVE TESTER
The Safety Relief Valve Tester performs SRV set pressure and seat leakage tests. Our unique 1” tube design allows for a free flow of air or water from the source to the SRV being tested providing a cushion of air under the SRV seat to prevent seat damage. The control panel is ergonomically designed for comfort and includes all necessary test equipment. It can grow and evolve your business.

DAS SmaarTest™
DAS SmaarTest® PLUS™
The DAS SmaarTest™ captures the performance of your valve test digitally and produces test reports and data files. The DAS SmaarTest® PLUS™ is a Wi-Fi capable, allowing for easy and secure sharing of data and automatic emailing of test reports and data files. The sample rate provides a high-speed data stream which can be adjusted for short or long duration tests. This rugged splash-proof (IP67) unit is ideal for industrial valve testing environments.

TAT Turn-Around-Tester™
Designed for easy transportation to job sites making it ideal for sites which are working companies or plant turnarounds eliminating the need for taking valves back to the shop. The well-contained flange valve testing system allows the operator to perform valve testing in a non-traditional environment. Capable of hydrostatic tests up to 9,700 psi and low-pressure air tests up to 125 psi.* Complete with clamp fixture and control console, the Turn-Around-Tester™ is a one-stop shop for valve testing on-site.