



CLIMAX | CALDER:  
**PRODUCT BROCHURE**

# **PERFORMANCE UNDER PRESSURE**



## 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, Dubai UAE, and Dammam Saudi Arabia, among others
- Safety training
- Machine set up and operation
- Technical tips and tools to improve operational performance and efficiency
- Hands-on training and valve testing skill 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

Preventative 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 standard 2 year warranty and offering extended warranty programs out to 5 years

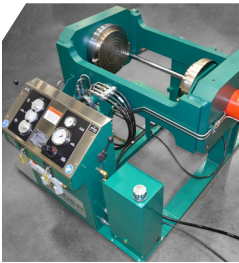


## WHY CHOOSE CALDER

- 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 OEM 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 world-wide network
- CALDER offers a complete line of Valve Repair Machines for lapping, grinding and specialized valve machining operations
- CALDER offers a full portfolio of Test Barriers and Hydraulic Seal Clamps among other products
- CALDER offers SMARTest™ 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-sale service, spare parts, repair, and rentals, CALDER offers unmatched value in our industry
- All CALDER products are CE certified and manufactured in our ISO 9001:2015 certified factory
- All CALDER products are proudly made in the USA







### USV HydroPro™ UNIVERSAL STRAIGHT VALVE TESTER

Clamps and seals straight-bodied valves for pressure testing. Capable of hydrostatic tests up to 9,700 psi and low-pressure air tests up to 125 psi.\* Our unique tilting 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 end type connections without the use of special tools, bolts, nuts or gaskets.



### TAT Turn-Around-Tester™

Designed for easy transportation to job sites making it ideal for valve servicing companies or plant turnarounds, eliminating the need for taking valves back to the shop. The self-contained flanged 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.



### UFV HydroPro™ UNIVERSAL FLANGE VALVE TESTER

Clamps and seals flanged valves for pressure testing. Capable of hydrostatic tests up to 9,700 psi and low-pressure air tests up to 125 psi.\* Our unique tilting feature rotates clamped valves 90° from horizontal to vertical, ensuring removal of all air prior to pressurizing the system. Paired with an HFS this is the best way to test API valves, where cross body pressure on the valve is not an option.



### ACCESSORIES

CALDER offers a full portfolio of accessories for use with our testers including the HydroPro™ Test Console, SmarTest™ DAAS (Data Acquisition and Analysis System), Test Barriers and Hydraulic Seal Clamps, offering customers the flexibility and capability to meet all your valve testing and repair needs.



### MVW MOBILE VALVE WORKSHOP

The Mobile Valve Workshop containers are customizable and configurable - designed specifically to meet the most complex valve testing and repair challenges. With multiple portable container sizes available, the CALDER Mobile Valve Workshop can meet your "impossible" challenge head-on and anywhere.



### VALVE REPAIR MACHINES

Lightweight for easy handling and installation, our valve grinding and lapping machines span working ranges for gate valves from 1.3 to 39.4 inches (32 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!



### QuickSet™ SAFTEY RELIEF VALVE TESTERS

CALDER QuickSet™ Safety Relief Valve Testers can perform safety relief valve tests with unsurpassed quality and ease of use. The QuickSet™ is a best-in-class, compact and modular SRV tester with a robust skid-mounted frame providing mobility and industry-leading value used to test, certify and set gas safety relief valves, liquid pressure relief valves & vacuum breather valves according to major testing standards.



### CUSTOM DESIGN CAPABILITIES TO MEET THE MOST COMPLEX CHALLENGE

Our designers and engineers are second-to-none in applying advanced valve testing insights to the creation of or modifications to existing products and accessories. The customizable SRV Control Valve Combo Tester, CALDER All Valve Tester (CAV), and the ProSet Pilot Tester are all CALDER innovations originated from our engineering team inventing a better way to help customers optimize their productivity, safety and results.



### SAFETY RELIEF VALVE TESTER

The Safety Relief Valve Tester performs SRV set pressure and seat leakage tests. Our unique 'J' 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 90 degrees from the clamp fixture to provide splash shield partition between the operator and the clamp table.



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