

CLIMAX | CALDER: PRODUCT BROCHURE

Contact us for more information on our **CALDER** Line.

If you need training or on-site consultation, we're famous for it.

Worldwide Tel: +1 503 538 2185
N. America Toll free: 1 800 333 8311
climaxportable.com

Follow us on Facebook, LinkedIn and Twitter



CLIMAX World Headquarters - USA

Address: 2712 E. 2nd St, Newberg, Oregon 97132
Tel: +1 503 538 2185
Fax: +1 503 538 7600
Email: info@cpmt.com

H&S World Headquarters - USA

Address: 715 Weber Dr., Wadsworth, Ohio 44281
Tel: +1 330 336 4550
Fax: +1 503 538 7600
Email: info@hstool.com

Asia Pacific Headquarters

Address: 316 Tanglin Rd #02-01, Singapore 247978
Tel: +65 9647 2289
Fax: +65 6801 0699
Email: info@cpmt.com

European Headquarters

Address: Am Langen Graben 8, 52353 Düren, Germany
Tel: (+49) (0) 2421 9177 0
Fax: (+49) (0) 2421 9177 29
Email: info@cpmt.de

Middle East Headquarters

Address: Warehouse #5, Plot: 369 272, Um Sequim Road, Dubai, UAE
Tel: +971 4 321 0328
Email: info@cpmt.com

United Kingdom Headquarters

Address: Unit 7 Castlehill Industrial Estate, Bredbury Industrial Park, Horsfield Way, Stockport SK6 2SU
Tel: +44 (0) 161 406 1720
Email: info@cpmt.com



Copyright © 2017, CLIMAX | CALDER. LEGAL NOTICE: Proper training must be obtained and proper procedures must be followed and proper supervision must be in place at all times when manufacturing, maintaining, repairing or testing valves of any kind. Please pay careful attention to the instructions and warnings provided in connection with the product and services. CALDER's products and services are subject to specific written limitations of liabilities and are covered by express limited warranties, which shall apply to the purchase, rental or use of the products. NO WARRANTIES ARE GIVEN EXCEPT FOR ANY APPLICABLE EXPRESS WRITTEN WARRANTIES SPECIFICALLY PROVIDED BY CALDER. ALL IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE, ARE EXPRESSLY WAIVED. The buyer assumes all risks associated with the use of the product.

PERFORMANCE UNDER PRESSURE



**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 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



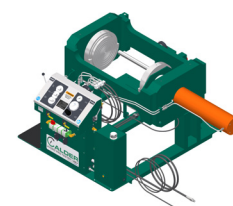
WHY CHOOSE CALDER

- 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
- Unlike our competitors, all components and accessories in our systems are designed to be fully compliant with ASME B31 Standards of Pressure Piping
- All CALDER products are CE certified and manufactured in our ISO 9001 certified factory
- All CALDER products are proudly made in the USA



HydroPro™ TEST CONSOLE

The HydroPro™ Console is easy to use and versatile enough to perform a wide variety of valve tests when paired with a hydraulic clamping system or even blind flanging. Built with OEM certified components, the Hydro Pro Console is designed for high pressure water, with low pressure air supply for pressure testing performance you can trust.



HydroPro™ UNIVERSAL STRAIGHT VALVE TESTER

The HydroPro™ Universal Straight Valve Tester - Clamp Fixture clamps and seals straight-bodied valves for pressure testing. Capable of hydrostatic tests up to 9700 psi and low-pressure air tests up to 125 psi. Our unique tilting feature rotates clamped valves 90 degrees 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.



HydroPro™ UNIVERSAL FLANGE VALVE TESTER

The HydroPro™ Universal Flange Valve Tester - Clamp Fixture clamps and seals flanged valves for pressure testing. Capable of hydrostatic tests up to 9700 psi and low-pressure air tests up to 125 psi. Our unique tilting feature rotates clamped valves 90 degrees 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.



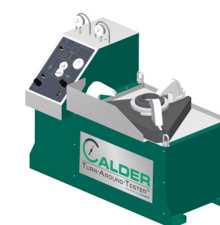
HydroPro™ HYDRAULIC FLANGE SEALS

The HydroPro™ Hydraulic Flange Seal clamps and seals flanged valves for pressure testing and eliminates all those blind flanges. Paired with the HydroPro™ Universal Flange Valve Tester, it is capable of hydrostatic tests up to 9,700 psi and low pressure air tests up to 125 psi, enabling the user to test API valves that have multiple flanges as well as valves that aren't straight, like elbow valves, 90's and T's.



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.



TURN-AROUND-TESTER™

The CALDER TURN-AROUND-TESTER™, is designed for easy transportation to jobsites making it ideal for valve servicing companies or plant turn-arounds, eliminating the need for taking valves back to the shop. This flanged valve testing system conforms to specified API-598 and allows the operator to perform hydrostatic valve testing in non-traditional environments. Complete with clamp fixture and control console, the TURN-AROUND-TESTER™ is a one-stop shop for valve testing on-site.



SMARTEST™ - DAAS

The SMARTEST™ - DAAS captures the performance of your valve test digitally. The system will allow the operator to isolate any point along the graph line of the test to display the numeric value of the pressure. Data can be reported in both .PDF or .CSV file formats. Built-in Wi Fi capability allows for easy and secure sharing of data. This rugged splash-proof (IP67) unit is ideal for industrial valve testing environments



SMARTEST PLUS™ - DACS

The SMARTEST PLUS™ DACS gives the user maximum control of the valve test allowing for increased and unrivaled productivity. The Variable Sample Rate provides a high density data stream which is suitable for most short term tests. With the ability to capture 10 samples per second, that's over 216,000 data points in a 1 hour test. The DACS system is upgradeable for multiple input channels giving the user more access to pressure or temperature data. Wi Fi enabled, the system allows the user to send results directly to any email address, while storing results on the DACS hard drive.



MOBILE PUMP SYSTEM

When hydrostatic pressure is needed in the shop or in remote places the Mobile Pump System is made to take the pressure to the test piece.



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!