

Offering unrivaled flexibility, the CALDER **MOBILE VALVE WORKSHOP** can be customized to meet all your Valve Testing needs.



## CUSTOMIZED and CONFIGURABLE

Multiple portable container sizes available from 20-feet (6.1m) to 53-feet (16.2m).

Customized layout designed specifically to optimize all your valve testing & repair needs.

Gas and hydro test systems available configurable to 10,140 PSI. High-cube customized mobile workshop containers can feature a complete valve testing & repair facility for PSV and standard valves up to 16-inch (406 mm).

Control valve seat leakage testing to determine seat leakage of control valves per API, MSS, ANSI, FCI 70-2 and ISO standards.

Robust frame protects all components during transport.

Industrial grade workbench configurable for a wide range of valve maintenance needs.

Dedicated compressors for high-pressure testing use and low-pressure workshop utility.

Industrial-grade power sockets can be located anywhere in the container.

## EASY TO USE (FLEXIBLE)

Overhead and jib cranes are available up to 1 ton for loading and unloading valves inside and outside the container.

Nozzle remover available for easy dismantling and assembly of safety valve nozzles.

Quick connect air connections available anywhere in the container.

Valve cleaning cabinets configurable with pumps for cleaning valve components.

Portable water systems available and equipped with a TAP facility and inbuilt reservoir for general use.

Convenient frame and rigging points designed for forklifts provide for easy lifting anywhere in the field.

Intrinsically safe Heating or Air Conditioning for use in various climate conditions.

## STATE-OF-THE-ART

Configurable QUICKSET™ Safety Relief Valve Testers available in all container sizes. The QUICKSET™ SRV can test safety relief valves up to 16-inch (406 mm) inside the container.

Portable SMARTEST™ DAAS and SMARTEST™ DACS for digital capturing and sharing of valve test performance.

Compressor room can be equipped with various compressors and multiple storage bottle sizes.

Industry leading CLIMAX Portable Valve Grinding and Lapping machines available up to 40-inch (1016 mm) for valve seat repair work.

Stationary lathe machines are available for tool repairs or reshaping valve parts.

Higher test pressure configurable to 10,140 PSI (700 Bar), available for liquid or gas testing for a wider range of valves.

DNV 2.7-1 certification available for offshore applications.

CE certified. All CALDER products are available for sale worldwide, including the European Union and other locations where CE certification is required.

Made In the USA & ISO 9001:2015 certified ensures all CALDER products are manufactured to the highest quality standards.

Standard 2-year warranty is the longest in the industry! We're confident in our quality, and we back it up!

## SAFETY

Insulated workshops can be customized to comply with local requirements including ASTM standards for outdoor use.

Fire extinguishers can be located anywhere in the container.

Multiple emergency exits can be located and equipped with panic release locks.

Patented Safety Interlocks designed to hold clamp pressure until the pressure drain valve is opened and internal test pressure is released.

Compressor room can be configured and enhanced to reduce noise and heat levels inside the workshop area.

Pressure lines are installed with RVs for over pressure protection.

# 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



The CALDER Mobile Valve Workshop can be customized with multiple doors providing flexibility, safety and movement in and around the container.



# CONFIGURATIONS



## CUSTOMIZE YOUR MOBILE VALVE WORKSHOP!

The MOBILE VALVE WORKSHOP containers are designed with capabilities to meet the most complex valve testing and repair challenges. Our designers and engineers are second-to-none in applying advanced valve testing and repair insights to the modification of existing products and accessories to meet special needs or customizing a completely unique solution to meet your “impossible” challenge head-on.

**Containers** (includes: emergency exit, utility /shop compressor, work bench, storage drawers, cupboards and storage shelves, grinding / brushing machine, HV air conditioner, and compressor room)

- 10 foot (3048 mm)
- 20 foot (6096 mm)
- 40 foot (12192 mm)
- 53 foot (16154 mm)

### Crane Options

- Jib Crane, 0.5 ton (0.45 tonne)
- Jib Crane, 1 ton (0.91 tonne)
- Overhead Crane, 0.5 ton (0.45 tonne)
- Overhead Crane, 1 ton (0.91 tonne)

### Valve Testing Equipment

- QUICKSET™ Safety Relief Valve,  
*Available in 30, 40, or 60 tons (27, 36, or 54 tonnes)*
- Gas Test Circuit, 6000 PSI
- Splash Shield for QUICKSET™
- Combo all Valve Tester up to 12-inch (305 mm)
- Liquid Test Circuit, 6000 PSI
- Pressure/Vacuum Test Unit
- Test Pressure upgrade 700 Bar / 10,140 PSI
- SMARTEST™ Portable Data Acquisition Analysis System (DAAS)

### Valve Repair Machines

- VM1000 Series Valve Grinding and Lapping Machine, 1.25 - 39 in. (32 - 1000 mm)
- VM2000 Series Valve Grinding and Lapping Machine, 0.4 - 24 in. (10 - 600 mm)
- Flat Lapping Machine

## ACCESSORIES

- Lathe machine
- Portable water system
- Washing basin
- Container wall insulation
- Control valve seat leakage
- Nozzle remover, manual
- Workbench  
*with storage shelves and vice (qty 2)*
- Blasting cabinet, steel shot
- Cleaning cabinet
- Cleaning tray
- Side door for office access
- Optical flat and monochromatic light
- ATEX Lighting
- DNV Certification
- NPT Thread adapters for threaded PSV's





# CALDER VALVE TESTING ACADEMY AND CARE PROGRAM

## The Right Training by the Right People!

CALDER was founded in 1984, and our engineers and valve testing experts have been teaching the fundamentals and fine points of valve testing operation for almost 40 years.

## Professional, Experienced Instructors

All training programs are taught by our professional and experienced OEM CALDER trainers. Your instructor will provide valuable information on operator safety, valve test system set-up, operation, and how to keep your valve tester in top operating condition.

**Sign up today for training at one of our eight Global CLIMAX | CALDER training academy's.**

- Portland, Oregon
- Houston, Texas
- Baton Rouge, Louisiana
- Cleveland, Ohio
- Manchester, United Kingdom
- Düren, Germany
- Dubai, United Arab Emirates
- Dammam, Saudi Arabia



## CALDER CARE PROGRAM

Preventative maintenance and service package includes:

- ✓ Parts Replacement Guarantee – All parts replaced for the term of the package
- ✓ On-Site Preventive Maintenance – Yearly PM visit by a Certified CALDER Service Technician
- ✓ Technical Assistance by Phone – A CALDER CARE Hotline for 24/7 US-based expert advice from repair professionals
- ✓ 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!

## Call CLIMAX | CALDER for:

### RENTALS

On selected models. With 20+ worldwide rental depot locations, you are never far away from CLIMAX | CALDER.

### OEM TRAINING

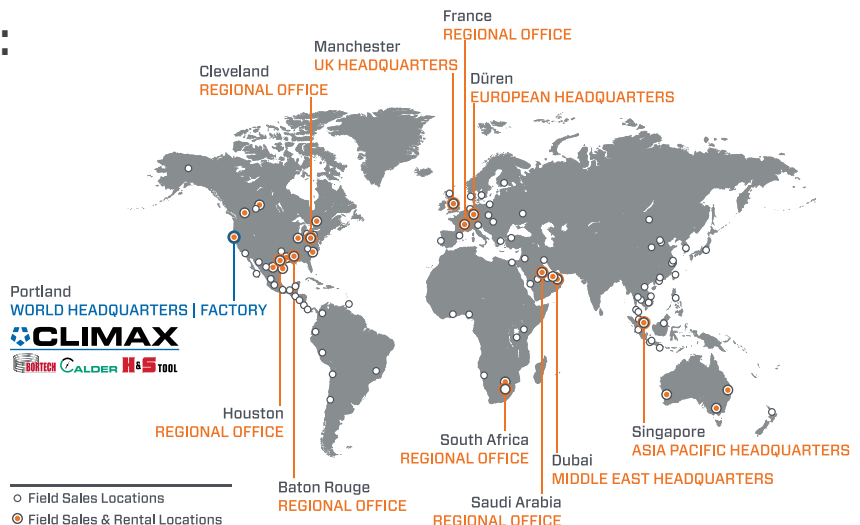
If you need training or on-site consultation, we're famous for it!

### SPARES, REPAIR & MAINTENANCE

Call us for anything you need to keep your system running in top condition.

### CUSTOM PROJECTS

Custom turn-key system design services from the most experienced engineers in the business!



Connect with us: [f](#) [in](#)

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