

## PORTABLE. ROBUST. EASY TO USE.

The CALDER TURN-AROUND-TESTER™ can efficiently perform a wide variety of pressure tests and can easily be transported to and used on job sites.



### PORTABLE

**Liquid And Gas Testing Capabilities.** The TAT can be configured with or without a vessel for gas over water testing for PRV'S and with or without a hydrostatic pump for conventional hydrostatic testing.

**Compact size and extendable legs** allow for transport and use in the bed of a truck, or set up in a shop.

**Clamp fixture and console paired in one frame** keep everything you need together during transport or on the job site.

**Convenient rigging points and frame designed for forklifts** provide for easy lifting.

**Conforms to specified API-598** and allows the operator to perform hydrostatic valve testing in non-traditional environments.

**Self-contained test medium tank** allows the operator to perform valve testing in non-traditional environments.

### ROBUST

Every component in the TAT pressure circuit is OEM-certified to the maximum specified

testing pressure of the system for increased quality, durability, and safety.

**Robust frame** protects all components during transport.

**ISO 9001 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! And – ask us how to extend your warranty out to 5 years . . .

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

**Patent Pending Safety Interlock system** with interlocking control valves will not release the clamp pressure until the test pressure drain valve is opened and internal test pressure is released.

**Test control panel location provides a splash shield** between the operator and the clamp table.

### EASY TO USE

**Intuitive control panel layout** makes performing a test procedure efficient and easy on the operator.

**Console is at working height** when on the back of a pick-up bed or the optional stands.

**Viewing window** allows observation of the valve during the testing process.

**Extensive operating manual** contains easy-to-follow tips and includes step-by-step setup instructions for various valve testing operations.

**Quick-connect test pressure gauges** are easily removed for the quick calibration or removal of gauges for transport.

**Only shop air and water needed** for functionality.

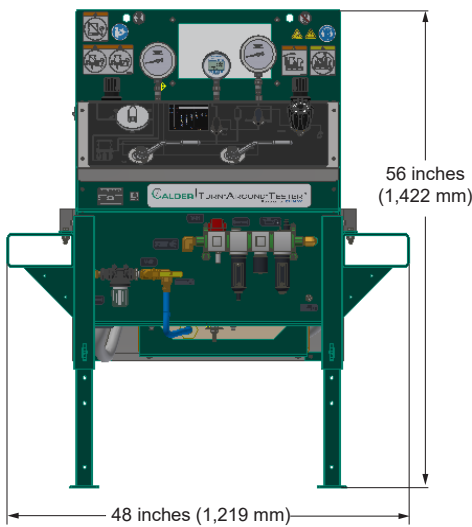
# WHY CHOOSE CALDER!

- Ⓒ 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 certified factory
- Ⓒ All CALDER products are proudly made in the USA



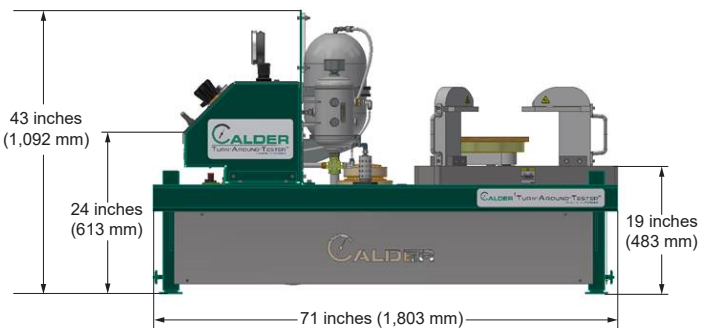
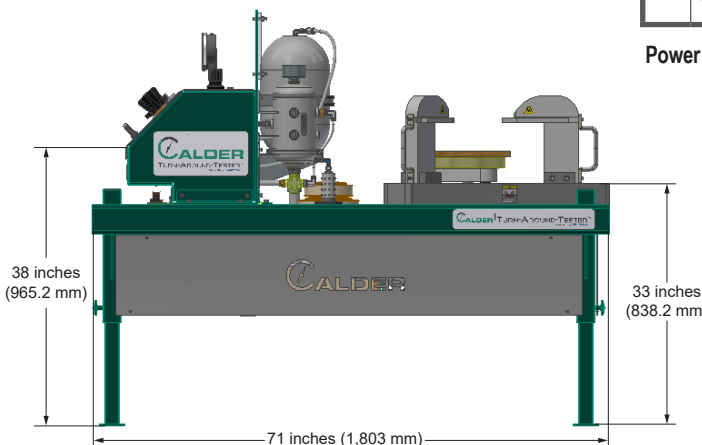
## SPECIFICATIONS

All dimensions should be considered reference. Contact your Calder Representative for precision dimensions. Specifications are subject to change without notice. There are no systems or components on this machine that are capable of producing hazardous EMC, UV or other radiation hazards. The machine does not use lasers nor does it create hazardous materials such as gasses or dust.



TAT-SRV-8-25T CE (SRV and Control Valve)						
Valve Size (nominal)	Maximum Test Pressure PSI (Bar)*					
	450 PSI (31 Bar)	1,125 PSI (76 Bar)	2,250 PSI (155 Bar)	3,375 PSI (233 Bar)	5,625 PSI (388 Bar)	6,000 PSI (414 Bar)
Inch (mm)						
.5 (12.7)**	√	√	√	√	√	√
.75 (19.1)**	√	√	√	√	√	√
1 (25.4)**	√	√	√	√	√	√
1.5 (38.1)	√	√	√	√	√	√
2 (50.8)	√	√	√	√	√	√
3 (76.2)	√	√	√	√		
4 (101.6)	√	√	√			
5 (127)	√	√	√			
6 (152.4)	√	√				
8 (203.2)	√					
Specifications	Hydraulic ram: 25 tons (22.7 tonnes)					
	Maximum flange thickness: 2.75 in. (70 mm)					
	Maximum valve weight: 600 lbs (272 kg)					
	Approximate overall dimensions (At transporting height): 71 in. L x 48 in. W x 43 in. H (1803 mm L x 1219 mm W x 1092 mm H)					
	Approximate machine weight: 1,500 lbs (680 kgs)					
Approximate shipped weight: 2,000 lbs (907 kgs)						
*THE OPERATOR IS RESPONSIBLE TO SELECT THE ACTUAL TEST PRESSURE THAT IS REQUIRED FOR THE VALVE UNDER THE TEST. SEE OPERATING MANUAL.						
**Optional NPT (male and female) Seal Plate Adapters available.						

Power required: compressed air requirement, 40 SCFM at 100 - 150 PSI (6.9 - 10.3 bar).



# TAT CONFIGURATIONS

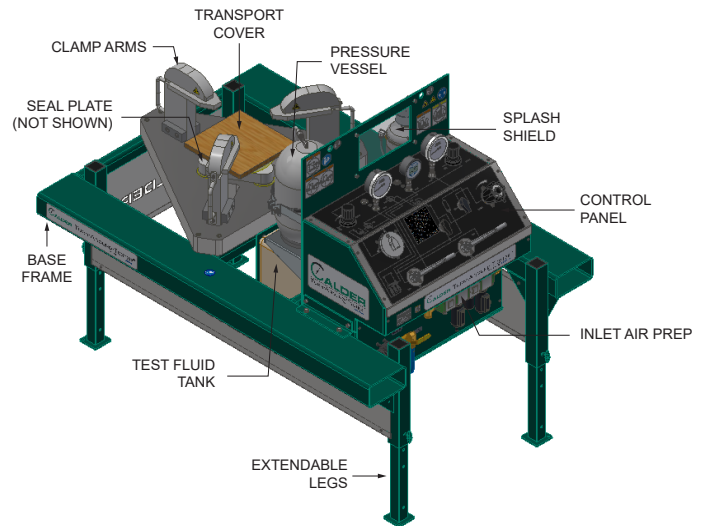


To configure your **TURN-AROUND-TESTER™** simply select from the options you need then contact your CALDER representative.

The **TURN-AROUND-TESTER™** comes standard with 6,000 PSI (413 bar) rated air-operated hydraulic pump, clamping components and plumbing, interlock system, nickel plated steel seal plate, analog clamp gauge and digital test pressure gauge, hydraulic reservoir, splash shield, hydraulic clamping chart and operator's manual.

## TURN-AROUND-TESTER™

Options	Part Number
Turn-Around-Tester System with Hydro	96229
Turn-Around-Tester System without Hydro	98222
<b>Optional Accessory</b>	
RTJ adapter kit	99936



### A NEW REVOLUTION IN PORTABLE

The **Turn-Around-Tester™** (TAT) is the perfect solution for service teams to complete in-field testing of freshly refurbished valves. The self-contained **Turn-Around-Tester™** will fit in any full-sized pickup bed with the controls positioned to ergonomically allow the operator to complete the testing even when it's still in the vehicle. With adjustable legs for off-truck use or in shop environments. The TAT has a super robust frame to protect all components during transport and forklift pockets so the TAT can be moved easily. Pair the TAT with a CLIMAX valve grinding and lapping machine, and you have a one-stop valve refurbishment system to complete on-site services anywhere your industry requires.



# CALDER VALVE TESTING ACADEMY AND CARE PROGRAM

## The Right Training by the Right People!

Our engineers and valve test experts have been teaching the fundamentals and fine points of valve testing operation for as long as we've been inventing and building advanced valve testing systems.

## 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 seven Global CLIMAX | CALDER training centers.**

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



## 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.

### OEM TRAINING

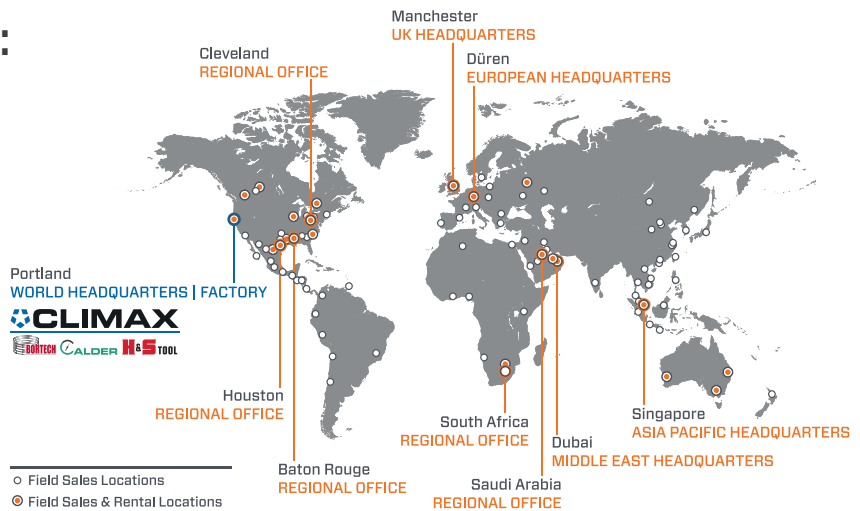
If you need training or on-site consultation, we're famous for it!

### 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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