



## COMPANY BROCHURE

**Dunn's Valve Testers Inc** has been manufacturing Valve Testers since 1978. We were the first to introduce valve testers and set the standard for all valve testing. We strive to maintain that level of Durability, Value, and Technology in all we do.

Truly standing the test of time – DVT machines have an average lifespan of 29 years – this robust design is the Engineers' Choice.

### DVT Tester Capabilities:

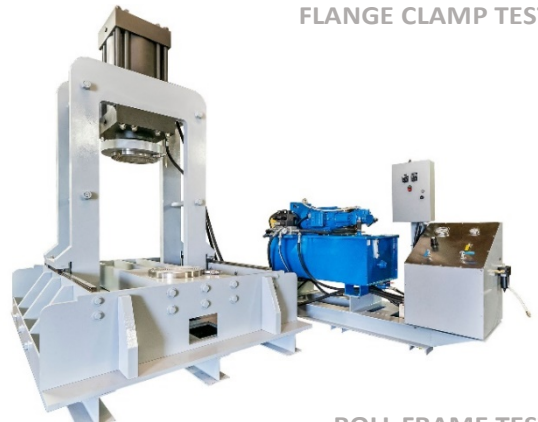
- ▶ Our testers are operating in over 15 countries
- ▶ Industries - Military, Refineries, Utility, Nuclear, Chemical and Valve OEMs/Rebuilders
- ▶ Patented hydraulic clamp arms and stainless seal plate #xxx1038; xxx2227
- ▶ Valve range - from 1/4" through 60"
- ▶ Test pressure range - 50 PSI to 60,000 PSI
- ▶ Sealing force - applying up to 2,240 tons clamping
- ▶ Simple and easy to maintain
- ▶ Our valve testers are engineered to our customer's specifications
- ▶ Proven environments – desert, tropics, offshore, equator, mountains
- ▶ The Model # 006 is approved by U.S. Navy (Stock # xxxxxx-01-148-9913) and is used aboard most navy vessels since 1979



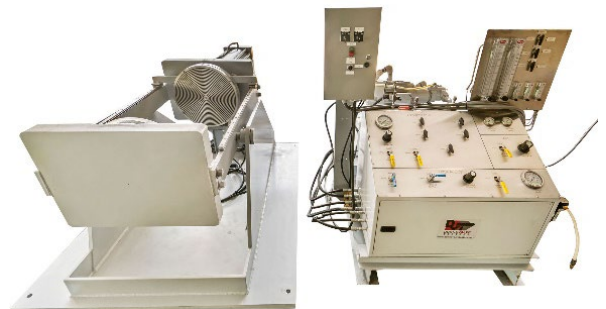
BUTTERFLY VALVE TESTER



FLANGE CLAMP TESTER



ROLL FRAME TESTER



CONTROL VALVE TESTER

## DUNN'S VALVE TESTERS PRODUCT RANGE

### CONTROL VALVE TESTERS



MODEL	VALVE RANGE	TEST PRESSURE	TONS CLAMPING
CV004	2" TO 6"	3,000 AND UP	60
CV005	2" TO 12"	3,000 AND UP	100
CV200	2" TO 16"	3,000 AND UP	200

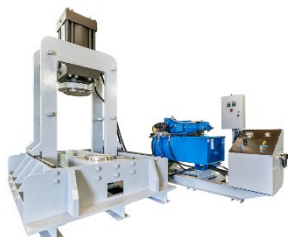
TABLE HEIGHT – 34" LENGTH – 60" HEIGHT – 42"

### HORIZONTAL PRESS TESTERS



MODEL	VALVE RANGE	TEST PRESSURE	TONS CLAMPING
HP004	½" TO 4"	3,000 AND UP	100
HP100	2" TO 16"	3,000 AND UP	200
HP200	4" TO 24"	3,000 AND UP	300
HP400	8" TO 36"	3,000 AND UP	400

### ROLL FRAME TESTERS



MODEL	VALVE RANGE	TEST PRESSURE	TONS CLAMPING
RF100	½" TO 4"	3,000 AND UP	100
RF200	2" TO 16"	3,000 AND UP	200
RF300	4" TO 24"	3,000 AND UP	300
RF400	8" TO 36"	3,000 AND UP	400
RF800	14" TO 48"	3,000 AND UP	800

### FLANGE CLAMP TESTERS



MODEL	VALVE RANGE	TEST PRESSURE	TONS CLAMPING
FT006	1/2" TO 12"	3,000 AND UP	120
FT011	1/2" TO 16"	3,000 AND UP	120

TABLE HEIGHT – 34" LENGTH – 45" WIDTH – 36" WEIGHT – 1,400LBS

TABLE HEIGHT – 34" LENGTH – 53" WIDTH – 62" WEIGHT – 1,800LBS

### RELIEF VALVE TESTERS



MODEL	VALVE RANGE	TEST PRESSURE	TONS CLAMPING
RV006	½" TO 12" ANSI 300 INLET	3,000 AND UP	120 TONS
RV011	½" TO 16" ANSI 600 INLET	3,000 AND UP	170 TONS

TABLE HEIGHT – 34" LENGTH – 60" HEIGHT – 42" WEIGHT – 1,500LBS

### VERTICAL PRESS TESTERS



MODEL	VALVE RANGE	TEST PRESSURE	TONS CLAMPING
VP009	2" TO 12"	3,000 AND UP	100
VP010	2" TO 16"	3,000 AND UP	200
VP020	8" TO 36"	3,000 AND UP	300

### BUTTERFLY TEST BENCH



MODEL	VALVE RANGE	TEST PRESSURE	TONS CLAMPING
BV50	1" TO 12"	3,000 AND UP	50
BV120	4" TO 20"	3,000 AND UP	120

## DUNN'S VALVE TESTERS ADDITIONAL SERVICES

### Maintenance Program

We currently have a maintenance programs with some of our long-term customers. To help you achieve a "Fit for Life" DVT machine, we recommend twice yearly inspections to maintain its working capability. We also offer a full range of overhaul, refit and upgrade options as your production requirements change.

### Data Acquisition System

The system is designed to capture, display, and store data during a test. This system is designed around an eight channel sensor interface board on a PC platform. The software serves the function of file management, calibrating / zeroing the transducers, and printing final reports.

### Leasing Program

DVT wants to partner with our new and existing customers. We can help during the busy times without purchasing a new machine by offering a DVT leasing program.

Leasing terms are flexible and tailored to your business needs.

### OEM Spares Program

DVT values and takes pride in the quality and the reliability of our machines. We have machines used daily for more than 30 years requiring minimum replacement of parts. The best way to help guarantee this record of performance is to ensure that you use DVT OEM spares. We ship internationally direct from our warehouses in USA / Europe.

### Technical Training & Material

DVT provide customer training either onsite with the delivery of our testers or we invite you to our facility to witness handover commissioning and training which will be at no cost. We provide material that steps the operator through the process. As customer's personnel change, we are available to provide an easy transition.

### Technical Support

Full-service support for the life of your machine is a guarantee for all our customers. We use remote technology to identify the problem and walk you through the solution real-time.

### DVT Products:

- ▶ Control Valve Testers
- ▶ Relief Valve Testers
- ▶ Roll Frame Valve Testers
- ▶ Vertical Press Testers
- ▶ Horizontal Press Testers
- ▶ Flange Clamp Testers

### DVT Services:

- ▶ Maintenance Program
- ▶ Data Acquisition Systems
- ▶ Leasing Agreements
- ▶ OEM Spares Program
- ▶ Technical Support
- ▶ Technical Training and Materials



### **Standards**

All Dunn's Valve Testers are built to test valves in accordance with USA and International Standards – API 526; ANSI/API RP 576; API 520 & 527; API 6D.

The heart of these efficient and durable systems is the test vessel connected to the hydraulic clamp seal plate that allows the operator to functionally test the safety relief valve with high volume test methods as required by the National Board of Boiler and Pressure Vessel Inspectors.

According to the National Board of Boiler and Pressure Vessel Inspectors – to prevent UNSAFE and UNSTABLE valve operations or erroneous performance test results, it is recommended that low volume testing equipment should be avoided (gas cylinders without a test vessel, hand pumps, tubing, etc.) Also included in the code is the statement "the performance testing equipment shall include a pressure vessel of adequate size, volume and pressure source capacity to cause the disk to lift significantly (pop open) and reclose." The code states "valves marked for liquid service shall be tested with water or other suitable liquid."

**Data Acquisition Module** – will provide a report certificate that is compliant with ISO 9001

**Delivery** – approximately 8 to 14 work weeks

**Start Time** – based on payment terms being agreed and complete technical specifications

**Guarantee** – all workmanship and machines for 12 months



### **CONTACT:**

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