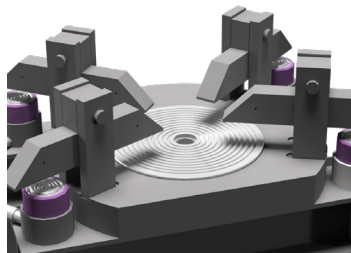
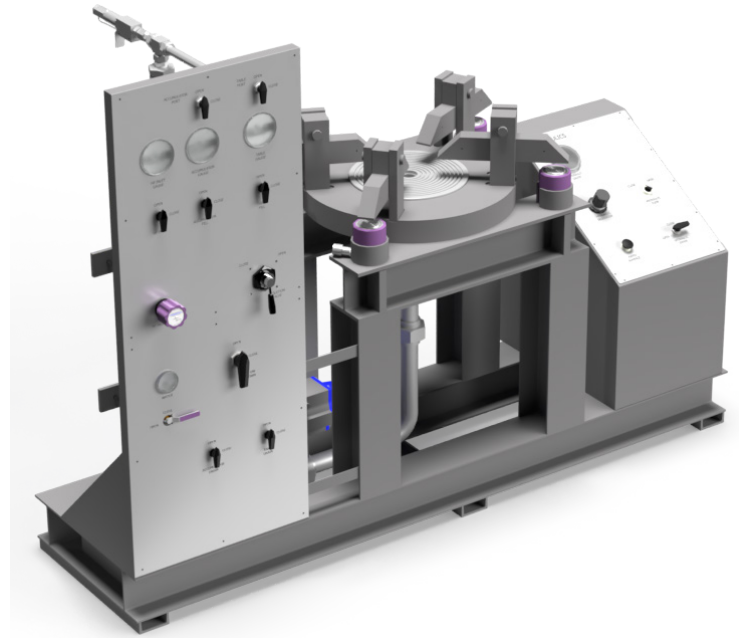


# Relief Valve (RV) Testers

Valve sizes ½”-16” and up to 10,000 psi

Set pressures on relief valves are important to the safe and effective operation of all refineries and plants. The RV series (Relief Valve) high volume pressure storage and piping allows you to achieve significant valve disc lift and reseal without damage. Secondary regulated high-pressure line allows for seat tightness tests. DVT’s table securely locks the valve in place with a dedicated 10K hydraulic system and interlock to prevent release under pressure.

Model	Valve Size	Clamping Force
RV006	½” to 12”	120 tons
RV011	2” to 16”	120 tons



## Summary

- 1” to 2” J-tube piping for maximum flowrates
- Hydro & gas tests through bottom flange
- Regulated high pressure inlet for seat tightness test
- Quick clamp and fill to save set-up
- 3000, 6000 or 10000 psi hydro/gas test
- Stainless steel seal plate and threaded adapters
- Interlock to prevent accidental unlocking

## Connections

- All standard flange types

## Options

- Increased hydro/gas testing capacities
- Muffler system to capture released fluids
- Gas boosters and compressors
- Data Acquisition System
- Safety Barriers

## Applications

- Safety Relief Valves
- Pressure Relief Valves

## Relief Valve (RV) Tester



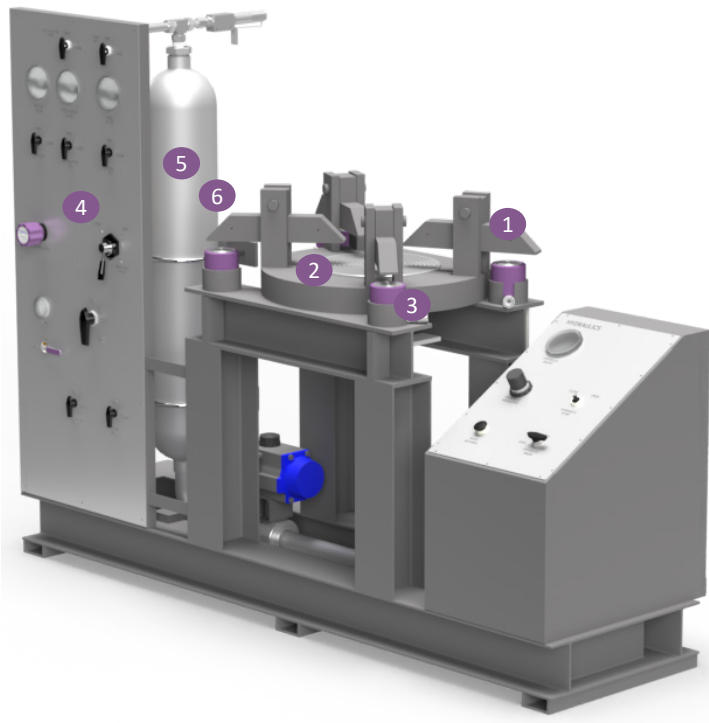
### Specifications

#### RV006

ANSI Class	150	300	600	900	1500	2500
Hydro Test (psi)	450	1,125	2,250	3,375	5,625	9,375
Valve Size (in)	1					
	2					
	3					
	4					
	6					
	8					
	10					
	12					

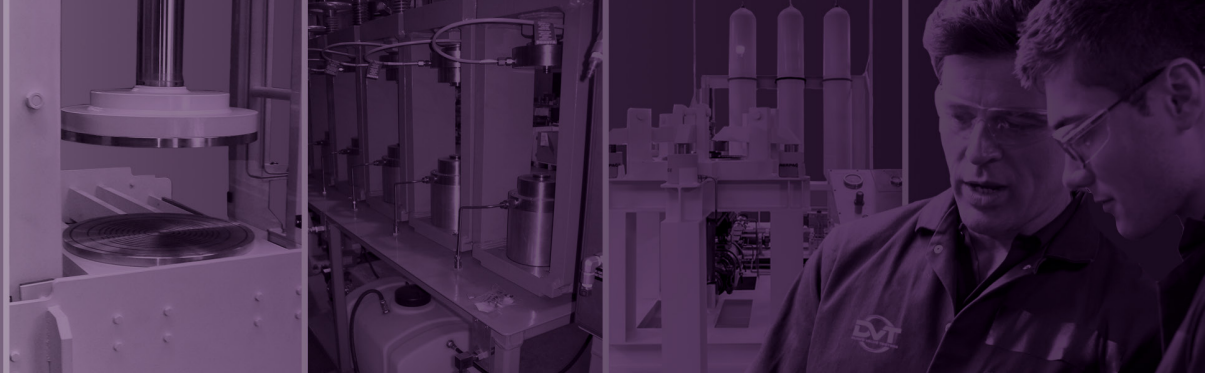
#### RV011

ANSI Class	150	300	600	900	1500	2500
Hydro Test (psi)	450	1,125	2,250	3,375	5,625	9,375
Valve Size (in)	2					
	4					
	6					
	8					
	10					
	12					
	14					
	16					



### Key Features

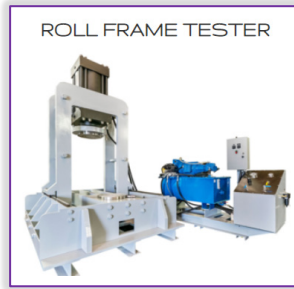
- 1 Four clamping arms quickly lock valve with rapid advance feature
- 2 SS seal plate/adapters seal on bottom connection
- 3 Hydraulic rams provides clamping force and safety interlock prevents accidental release
- 4 Integrated control panel for filling, seat tightness and set pressure testing
- 5 High-capacity water vessel and J-tube pipe to meet NBBI standards for VR certification
- 6 Additional gas accumulation provides stored energy for water or gas tests



Dunn's Valve Testers (DVT) has been the leader in manufacturing and maintaining valve testers since 1978. DVT was the first company to introduce these machines and continues to innovate as a partner with our customers. Each machine is built to provide maximum uptime with the shortest cycle time for your operations.

We promise to be right there with you providing technical solutions, maintenance support, spares, and refurbishment or replacement when needed. We are proud of the legacy that Emmitt Dunn started 40 years ago producing the first valve testing machines for the US Navy. We build on that tradition everyday investing in relentless improvements to be your trusted source for the best test benches available.

DVT GLOBAL INSTALLED BASE



DUNN'S VALVE TESTERS, INC. 1827 Riley  
Fuzzel Rd., Ste. 2  
Spring, Texas 77386  
281-350-4767  
[www.DVT.tech](http://www.DVT.tech)

For more information, please visit us at [www.DVT.tech](http://www.DVT.tech) or email us at [info@DVT.tech](mailto:info@DVT.tech)

DVT reserves the right to make modifications, alterations or updates to this document. Check our website for the most current information.

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