



# Valve Spring Tester

V200  
V750  
V1500

The Valve Spring Tester has a rugged cast-aluminum and steel frame, precision rack-and-pinion drive with adjustments for wear and convenient hand operation to apply force and adjust length. It features a two-line backlit LED display of force and length and has deflection compensation for accurate readings at all times. Optional valve testing, sorting and certifying software makes it easy to certify a set of matched springs in minutes, without guesswork.

## Standard Features:

- 5" range / stroke
- Up to 4" Ø platforms (2" standard)
- Standard 0.001" length resolution
- Compression testing of force and length
- High resolution and accuracy
- Load cell and frame deflection compensation
- Mechanical and software overload protection
- Digital calibration and linearization
- Backlit digital LED display of force and length
- Wipe-clean embossed key faceplate
- Push-button force and length zeroing

## Factory Options:

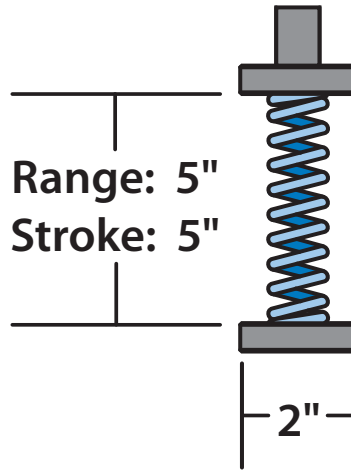
- RS 232 / USB output, DHT Family  
NIST traceable digital calibration

## Accessories:

Part No.	Item
025-0000-0225-00	Thru-Rod Support Kit (1/16" to 1/8" Ø x 6")
025-0000-0485-00	4" Ø Platforms / Thru-Rod Support Kit (1/16" to 11/16" Ø x 8")
025-0000-0191-00	4" Ø Platforms (Pair for 5/16-18 Mount)
025-0000-0293-00	Single Stop Rod
025-0000-0333-00	Double Stop Rod
025-0000-0294-00	NiCad Rechargeable Battery (4-8 hours per charge)
059-1000-0026-00	Dust Cover - 5" Range Rods
025-0000-0487-03	Traveling Case
025-0000-0783-00	8 Piece Valve Spring Retainer Set




## Software Options:

Part No.	Item
050-0000-0075-00	SSS - Statistical & Spreadsheet Interface Software
050-0000-0140-00	Excel Templates for Valve Spring Set Building and Certification
050-1000-0060-00	Spring Data Collector Software



Pictured with Optional Double Stop Rods



Force Specifications		
Part No.	Capacity	Resolution
 <b>V200</b> 050-0000-0109-04	<b>200 lb</b>	<b>0.1 lb</b>
	91 kg	0.05 kg
	890 N	0.5 N
 <b>V750</b> 050-0000-0109-02	<b>750 lb</b>	<b>0.5 lb</b>
	340 kg	0.2 kg
	3,336 N	2 N
 <b>V1500</b> 050-0000-0109-03	<b>1,500 lb</b>	<b>1 lb</b>
	680 kg	0.5 kg
	6,672 N	5 N
Accuracy = ± Full Scale Resolution x 2		

Length Specifications	
Resolution	Accuracy (±)
0.001 in	0.005 in
0.02 mm	0.1 mm



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