

Simple Manual Test Stand

SVL-1000N/SVH-1000N

Both tensile and compressive force can be measured
Uniformity of measurement direction brings high repeatability
Simple operation by lever or handle

For operational efficiency

Lever Operation

SVL-1000N



For movement control

Handle Operation

SVH-1000N



Feature 1	Feature 2	Feature 3	Feature 4
Up to 1000N measurement	Stroke control by mechanical stopper	Various options are available	Easy carry with light weight
Both tensile and compressive force can be measured with this manual test stand with force gauge.	Stroke is adjustable by mechanical stopper function.	Various options are available such as length meter and long stroke for wide measurement needs.	Light weight body enable to measure force at diverse places.

Measurement example		
Simple spring test	Sewed strength of button	Pull off strength of connector
		

* Force gauge and grips are not included.

[Specifications]

Model	SVL-1000N	SVH-1000N
Capacity	1000N	
Force direction	Tension and compression	
Travel method	Lever	Handle
Travel per 1 turn	60mm per 170 degrees	3 mm
Max. Sample Height	Approx. 225mm *1	
Stroke	60 mm	
Function	Mechanical stopper	
Weight	Approx. 7.3 kg	Approx. 7.7 kg
Dimension	See [Dimensions]	
Fixable force gauge	See [Mountable Force Gauges] on page 3	

*1 This value is the distance between the test stand table and the tip of force gauge measuring shaft when the head is in the uppermost position. (When up to 1000N model of ZTS/ZTA series is mounted.)

[Available Options]

Extended column Order code: -EXT Ex) SVH-1000N-EXT	Length meter Order code: -S Ex) SVH-1000N-S	Grip mounting adapter GF-1
		
For bigger sample measurement The column and max. sample height extend 200mm. *The stroke does not extend.	Digital display of displacement Resolution: 0.01mm	Mount attachments to test stand base

[Mountable Force Gauges]

	SH-1000N	SH-3000N
DST/DSV-2N to 1000N	✓	✓
ZTS/ZTA-2N to 1000N	✓	✓
ZTS/ZTA-2500N to 5000N	N/A	N/A
DPU-2N to 500N	N/A	N/A
DPUH-1000N to 5000N	N/A	N/A
FB/FS/PS/PSS/PSM series	✓	✓
PSH series	N/A	N/A

* Load cells not listed cannot be mounted on any of our test stands.

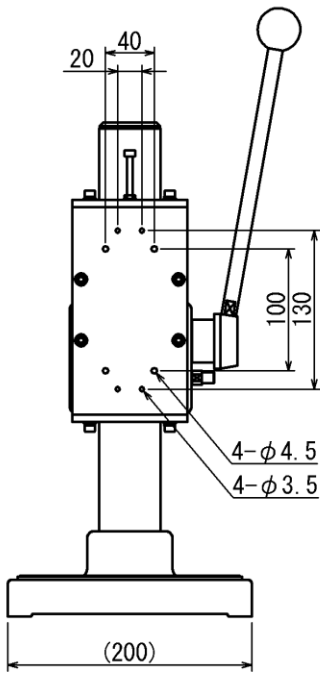
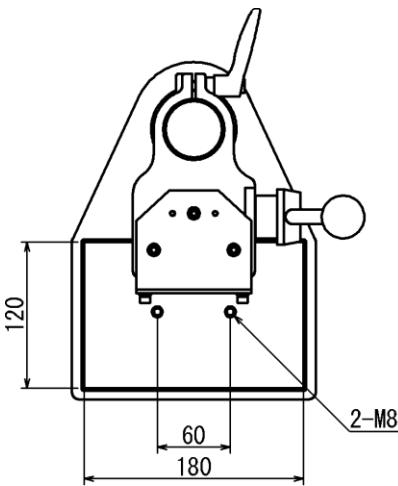
* Ensure to use within the capacity of force gauge and test stand regardless of the mountable models.

[Related Products]

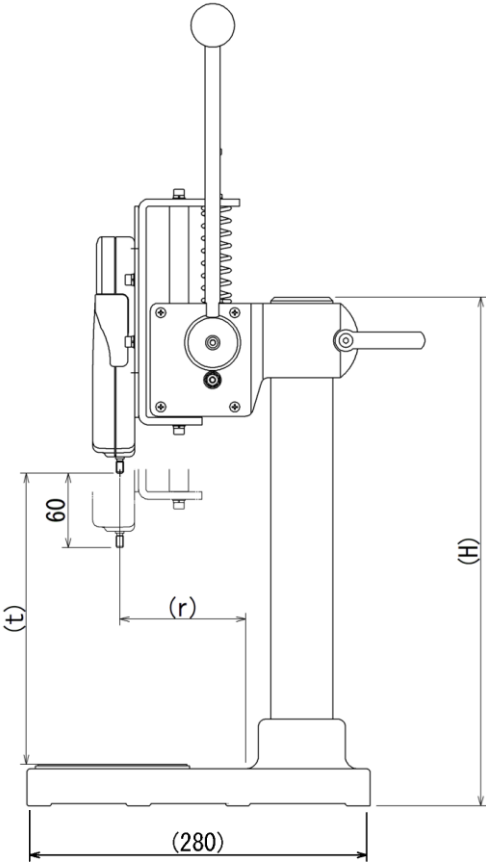
Digital Force Gauge ZTS/ZTA series	Digital Force Gauge DST/DSV series	Mechanical Force Gauge FB series
Digital force gauge capable of measuring at a sampling rate of 2000 Hz.	Digital force gauge with excellent cost-performance capable of managing data with PC.	Mechanical force gauge for easy handling.
		

[Dimensions]

SVL-1000N

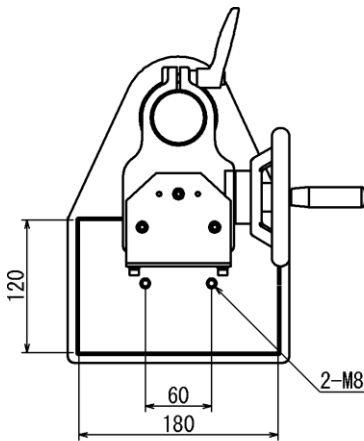


		Standard	Extended column (-EXT)
r	With ZTA/ZTS (2N to 1000N) mounted	100	
	With DST/DSV (2N to 1000N) mounted	100	
	PS/FB (lower than 500N) mounted	105	
t	With ZTA/ZTS (2N to 1000N) mounted	225	425
	With DST/DSV (2N to 1000N) mounted	235	435
	PS/FB (lower than 500N) mounted	240	440
H		410	610

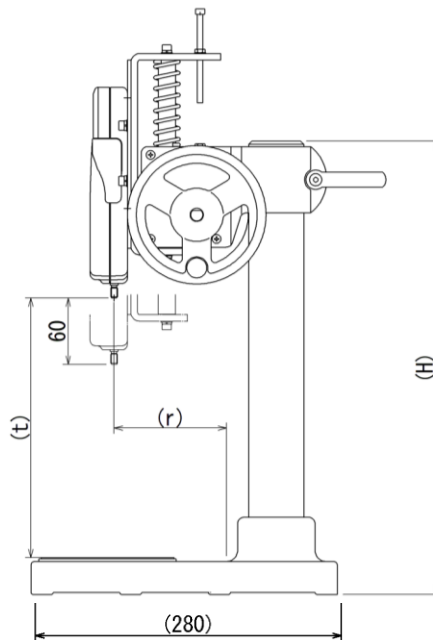
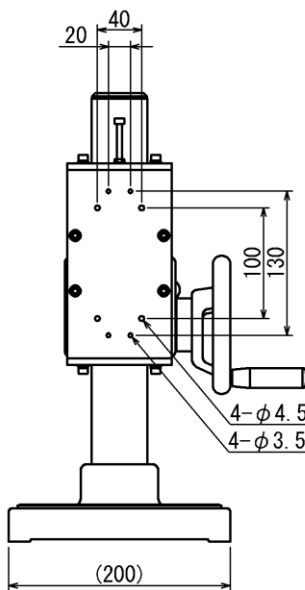


Unit: mm

SVH-1000N



		Standard	Extended column (-EXT)
r	With ZTA/ZTS (2N to 1000N) mounted	100	
	With DST/DSV (2N to 1000N) mounted	100	
	PS/FB (lower than 500N) mounted	105	
t	With ZTA/ZTS (2N to 1000N) mounted	225	425
	With DST/DSV (2N to 1000N) mounted	235	435
	PS/FB (lower than 500N) mounted	240	440
H		410	610



Unit: mm

* Sizes in parentheses are for reference only. Please confirm the exact dimensions on the actual device.

[Cautions]

- Information in this document is subject to change without prior notice.
- This document is product descriptions and handling precautions, and do not guarantee various characteristics or safety.
- This product is designed for force measurement purpose only.
- Do not copy and use this content without authorization.
- A force gauge (sold separately) is required to use this product.
- Do not use this product in the environments including fierce temperature changes, high temperature, high humidity, near water, dusty place.

FOR MORE INFORMATION PLEASE CONTACT:



BHAGWATI

Hardware & Mill Store Since 1976

Address: 4769, 1ST Floor, Old Post Office Building,
Hauz Qazi, Delhi - 110006

Mobile: 9212012856, 9350076343

Website: www.bhagwathardware.com
www.bhagwathardwaredelhi.in

E-mail: sandeep@bhagwatimail.com

AN ISO 9001 : 2015 CERTIFIED COMPANY