

# Simple manual test stand

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



\* Force gauge is not included

| 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 measurement counter. | 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 degree                                                                   | 3 mm           |
| Stroke              | 60 mm                                                                                 |                |
| Function            | Mechanical stopper                                                                    |                |
| Weight              | Approx. 7.3 kg                                                                        | Approx. 7.7 kg |
| Dimension           | See next pages                                                                        |                |
| Fixable force gauge | Digital force gauge: DS2, Z2, ZP series<br>Mechanical force gauge: FB, PS, PSM series |                |

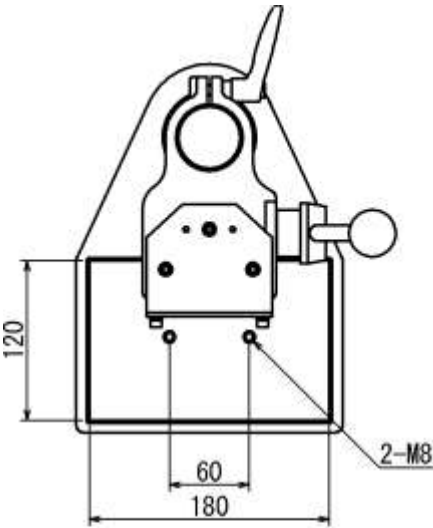
\* Please contact us in case using with other models of force gauges.

| Options                                                                             |                                                                                     |                                                                                               |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Long shaft<br>Order code : -L<br>Ex) SVH-1000N- <b>L</b>                            | Length meter<br>Order code : -S<br>Ex) SVH-1000N- <b>S</b>                          | Digital counter<br>Order code : -C<br>Ex)SVH-1000N- <b>C</b>                                  | Grip mounting adapter<br>GF-1                                                         |
|  |  | <br>Image |  |
| For bigger sample measurement<br>Extendable 200mm more                              | Digital display of displacement<br>Resolution : 0.01mm                              | Count number of measurement cycle<br>Max count 999,999 times                                  | Mount attachments to test stand base                                                  |

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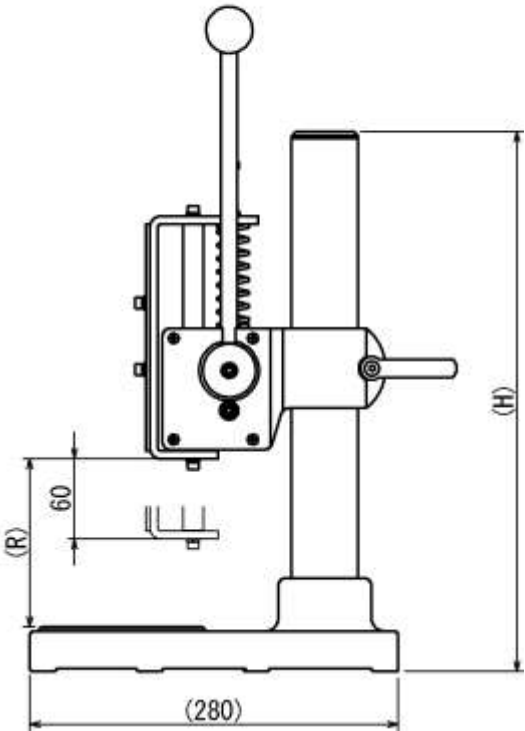
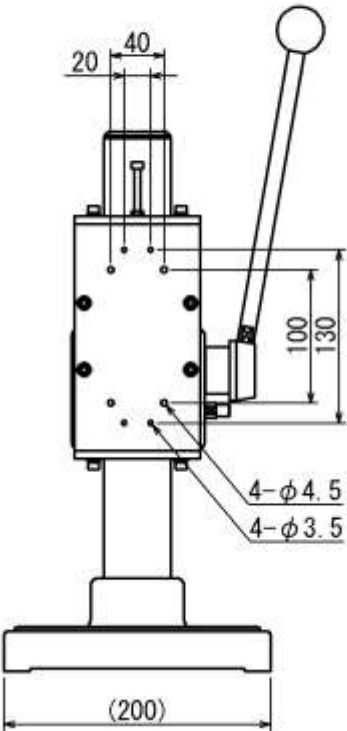
| Recommended force gauge                                                                                                  |                                                                                                                        |                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Simple measurement 1                                                                                                     | Simple measurement 2                                                                                                   | With more functions                                                                                                     |
| <br>Mechanical force gauge<br>FB series | <br>Digital force gauge<br>DS2 series | <br>Digital force gauge<br>ZP series |

[SVL-1000N dimension]

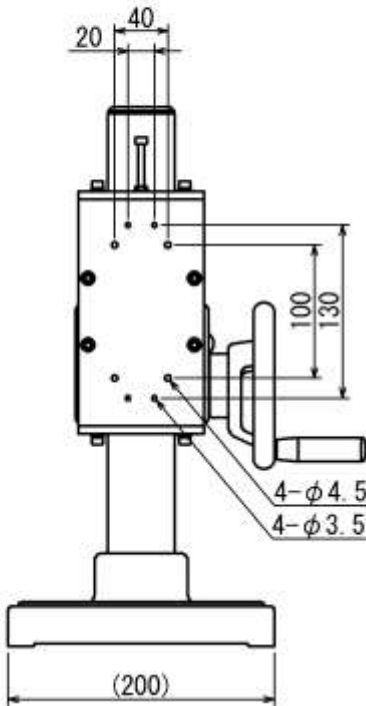
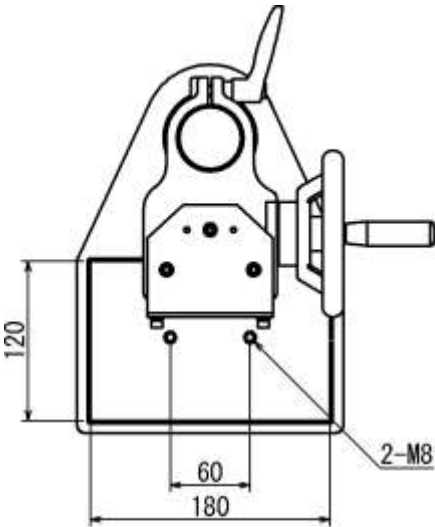


|   | Standard | Long shaft |
|---|----------|------------|
| H | 410      | 610        |
| R | 265      | 465        |

Unit:mm

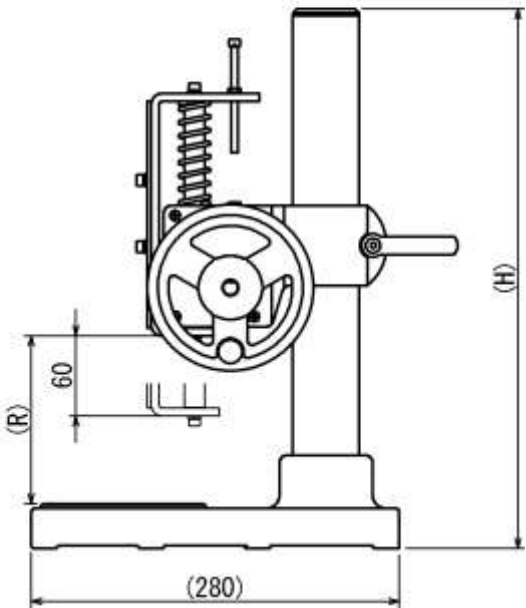


[SVH-1000N dimension]



|   | Standard | Long shaft |
|---|----------|------------|
| H | 410      | 610        |
| R | 265      | 465        |

Unit:mm



[Cautions]

- \*The contents may be changed without notice in advance.
- \*Force gauge and grips are needed for force measurement.
- \*This product is designed for measurement purpose only.
- \*Do not copy and use the contents without permission.