

Long Stroke Type Manual Test Stand HV series

Ideal for measurement of larger or extensible samples due to the longer stroke
Allows stable measurement due to the handle operation



HV-500N II



HV-1000N

Feature 1	Feature 2	Feature 3
Fine Movement	Various testing applications	Various options available
Allows fine adjustment of a force gauge's position and stable testing by the handle operation.	-Material strength tests (tensile, compress, shear strength, etc.) -Evaluation tests of mechanical and electronic parts (soldering strength of QFP, tensile strength of crimp terminal, etc.) -Peeling tests of adhesive part and heat seals	Various options are available such as length scale and long stroke for a wide range of measurement needs. *HV-3000N only have length scale option (-S).

[Specifications]

Model	HV-500N II	HV-1000N	HV-3000N
Capacity	500N	1000N	3000N
Loading Method	Trapezoidal screw with 3mm lead		Ball screw with 4mm lead
Travel Rate	2mm/1 turn	1.2mm/1 turn	0.6mm/1 turn
Max. Sample Height	Approx. 240mm *1	Approx. 375mm *1	Approx. 415mm *1
Table Material	Stainless Steel	Steel	
Weight	Approx. 10kg	Approx. 18kg	Approx. 24kg
Dimensions	See [Dimensions]		
Accessories	Operation manual, tools		
	GF-1 (Grip mounting adapter)	GF-2 (Grip mounting adapter)	
Available Options	-L: Extended stroke by 200mm -S: Length scale	-L: Extended stroke by 150mm -S: Length scale	-S: Length scale

*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.
(HV-500N II/HV-1000N: When up to 1000N model of ZTS/ZTA series, HV-3000N: When over 2500N model of ZTS/ZTA series is mounted.)

[Available Options]

Long stroke (-L) *1	Length meter (-S)
This option provides extended stroke. Useful when testing stretching samples or testing for long distance.	Built in digital screen indicates travel distance of force gauge.
	

*1 HV-3000N is not available.

[Mountable Force Gauges]

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

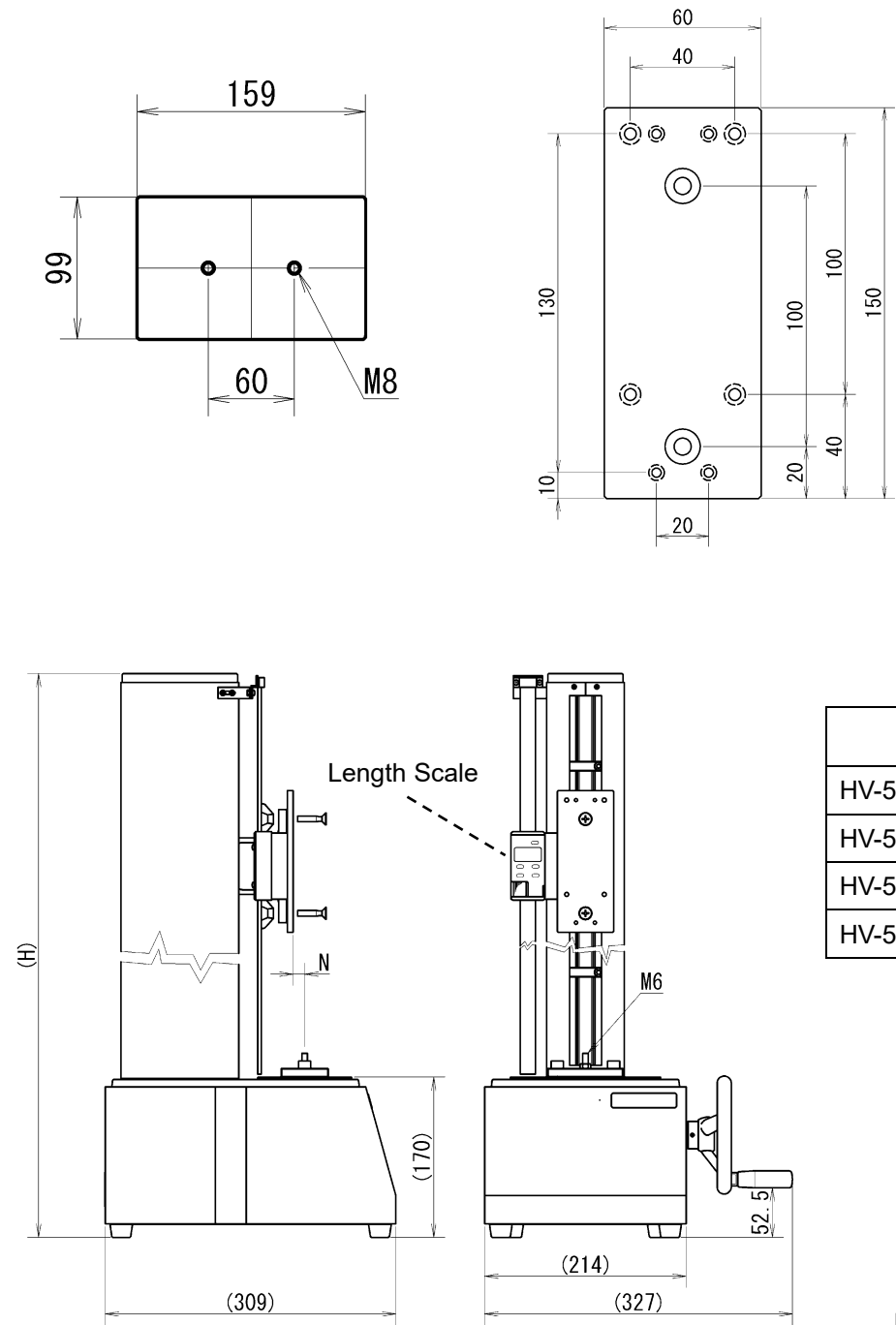
* Load cells not listed cannot be mounted on any of our test stands.

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

[Dimensions]

HV-500N II

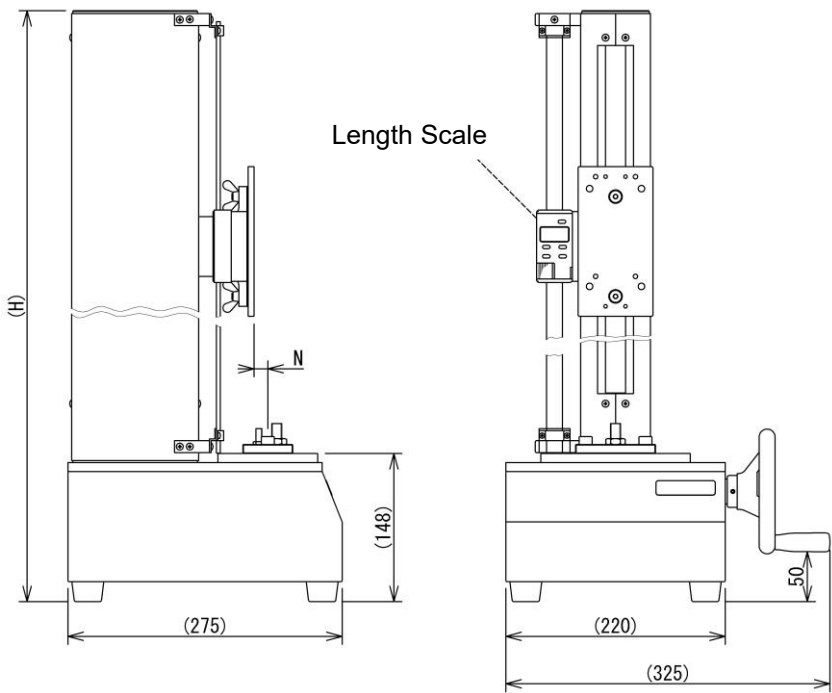
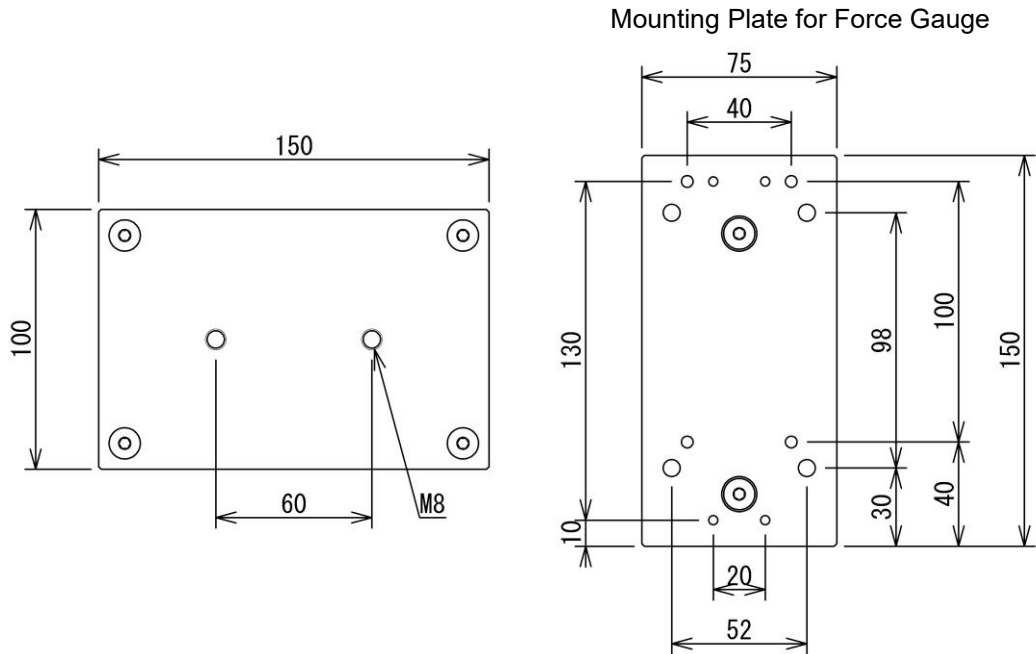
Mounting Plate for Force Gauge



	H	N
HV-500N II	597.5	13.5
HV-500N II -L	797.5	
HV-500N II -S	597.5	12.3
HV-500N II -S-L	797.5	

Unit: mm

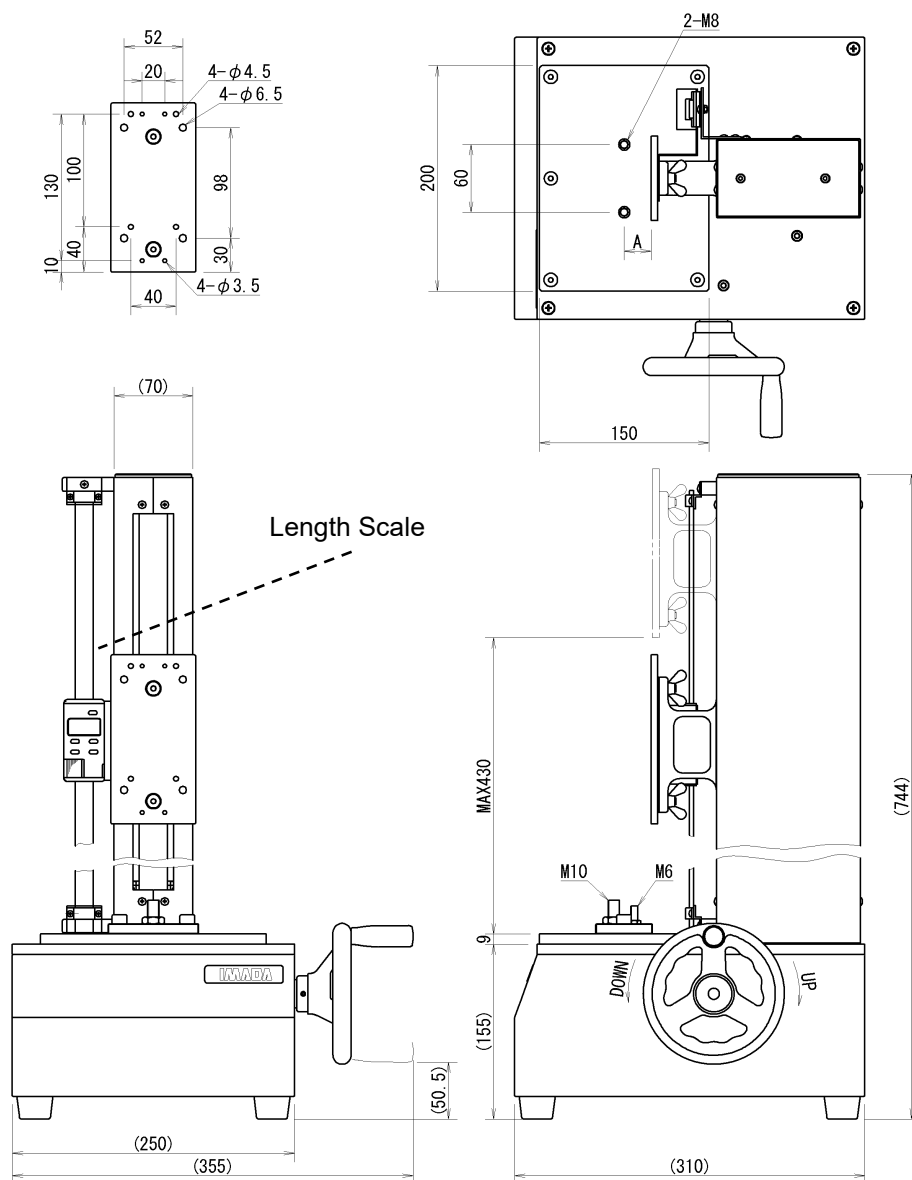
HV-1000N



	H	N
HV-1000N	730	15
HV-1000N-L	880	
HV-1000N-S	730	13.8
HV-1000N-S-L	880	

Unit: mm

HV-3000N



	A
HV-3000N	25
HV-3000N-S	23.8

Unit: mm

[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:



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