

Motorized Test Stand MH-1000N



[Applications]

- Various material testing up to 1000N.
(Measuring of tensile strength, compressive strength, shearing strength and etc.)
- Analysis of mechanical parts for break point and free fit.
- Measure peeling force of glued material or heat seals.

[Feature]

- Stable measuring by feed screw features with small step of the travel length.
- Horizontal design makes easy to handle a sample.
- Motion in stable speed.
- Body structure helps to avoid a sample fragment from getting inside of the device.
- Optional speed/length meter enables to measure travel distance and speed.
- Overload protection and force control connecting with digital force gauge.
- Compatible with IMADA digital and mechanical force gauges (except high capacity models).

[Main Options]

Speed/Length Meter(-E)	Length Scale(-S)	Speed Range Change(-V)
Displays the measuring speed and travel distance of force gauge.	Built in digital screen indicates travel distance of force gauge.	Changes the speed range. Useful for tests required faster/slower speed condition.
		

[Specifications]

Model	MH-1000N
Capacity	1000N
Speed	6~180mm/min
Max. Sample Height	Approx.280mm (*1)
Stroke Limit	Controllable with horizontal knob
Measuring Modes	Manual mode, Single cycle mode, Continuous cycle mode
Control	Emergency stop、force control(*2)、 overload stop(*2*3)
Operating temperature humidity	0~+40 degree Celsius 35 to 70%、(avoid condensation)
Voltage	AC100~240V, 50/60Hz (Select from 100, 120 and 230V. Accessories are provided accordingly)
Power Consumption	50W
Dimensions	Refer to dimensions
Weight	Approx.14kg
Accessories	Operation manual, power cable, spare fuse, tools, warranty certificate
Available Options (*4) (*5)	-E: Speed/Length Meter -S: Length scale -V90 : Speed 3 to 90mm/min -V300 : Speed 10 to 300mm/min -V450 : Speed 15 to 450mm/min -V600 : Speed 20 to 600mm/min -V900 : Speed 30 to 900mm/min
Mountable Force Gauge	Mechanical Force Gauge : FB、PS、PSM series Digital Force Gauge : DST,DSV、ZTS、ZTA series(1000N or below)

*1 This value is the maximum distance between the attachment bracket and the tip of force gauge measuring shaft. (When up to 1000N model of ZTS/ZTA series is mounted.)

*2 ZTS/ZTA series force gauge and optional cable CB-508 are required.

*3 It does not guarantee complete prevention of failures due to overloads.

*4 Add the option code after the model name to complete the model with options. e.g. Model: MH-1000N-E

*5 Capacity is reduced as following by some speed change options of MH-1000N. (-V300/-V450/-V600: 500N, -V900: 300N)

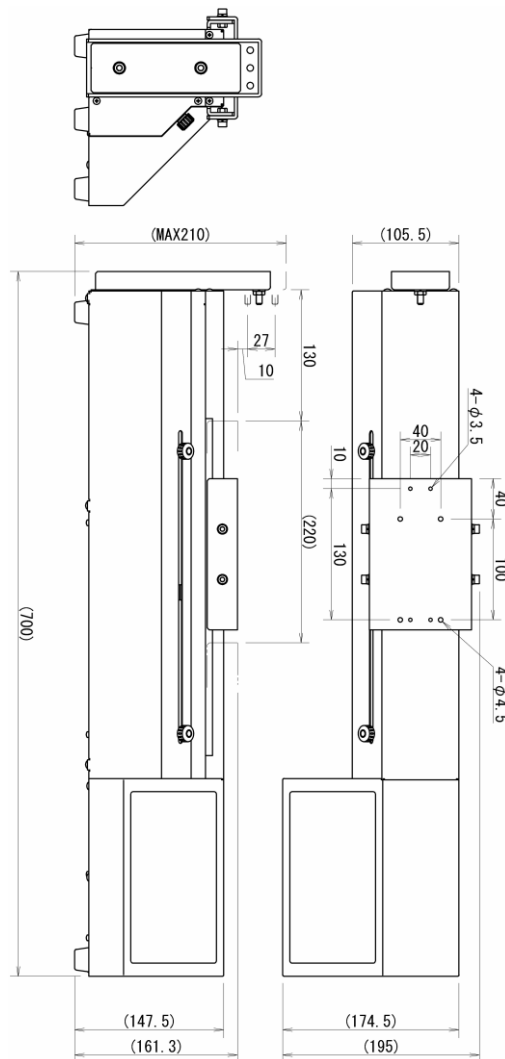
[Mountable Force Gauges]

	MH-1000N
DST/DSV-2N to 1000N	✓
ZTS/ZTA-2N to 1000N	✓
ZTS/ZTA-2500N to 5000N	N/A
DPU-2N to 500N	N/A
DPUH-1000N to 5000N	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]



[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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