

# 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]**

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

\*1 Max. sample height refers to the distance between the fixing shaft and the tip of force gauge measuring shaft when the head is at the top.

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

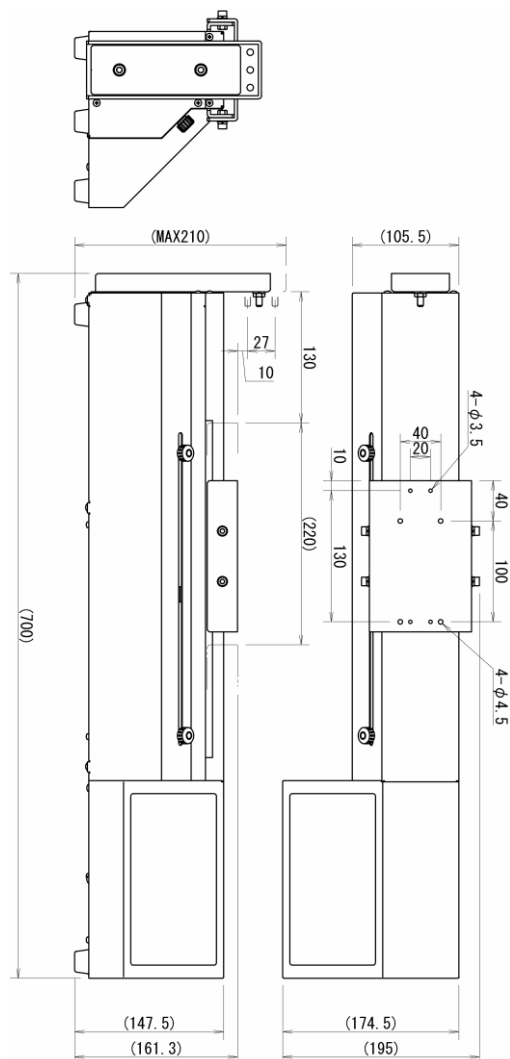
\*3 It does not guarantee complete protection against overloading.

\*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 below by some speed change options of MH-1000N.

-V300	500N
-V450	500N
-V600	500N
-V900	300N

**[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.

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