

Test stand

MH-1000N / ML-1000N series

Motorized Test Stand



(Photo is MH-1000N. Force gauge shown above is sold separately.)

[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.
- Easier handling for material due to its horizontal design.
- Motion in stable speed.
- Devised top cover avoids fragments of a sample.
- Optional scale unit or length/speed meter implements scaling its travel length.
- Overload protection and force control connecting with digital force gauge (Only for MH series)
- Compatible with IMADA digital and mechanical force gauges (except high capacity models).

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[MH-1000N/ML-1000N series models]

Model	Capacity	Auto cycle	Length/speed meter	Scale unit
MH-1000N	1000N	Yes		
ML-1000N				
MH-1000N-E		Yes	Yes	
ML-1000N-E			Yes	
MH-1000N-S		Yes		Yes
ML-1000N-S				Yes

[MH-1000N/ML-1000N series specifications]

Model	MH-1000N	ML-1000N
Capacity	1000N	
Stroke	Approx. 300mm	
Feeding method	Feed screw with 3 mm lead	
Travel speed	6 to 180 mm/min non-step	
Force gauge	Imada mechanical / digital force gauge <i>High capacity ZPH/Z2H/PSH series are <u>not</u> compatible.</i>	
Single/Continuous cycle	Yes	Press and keep button for 2 seconds so that this machine keeps moving
Overload protection Force control	Yes *0	
Power	Free between 100 to 240 VAC	
Dimensions	See dimensions	
Wight	Approx. 14kg	

*0 Optional cable CB-501 is necessary for connection with force gauge. Some model of force gauge is not compatible with this function.

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[Built-in options]

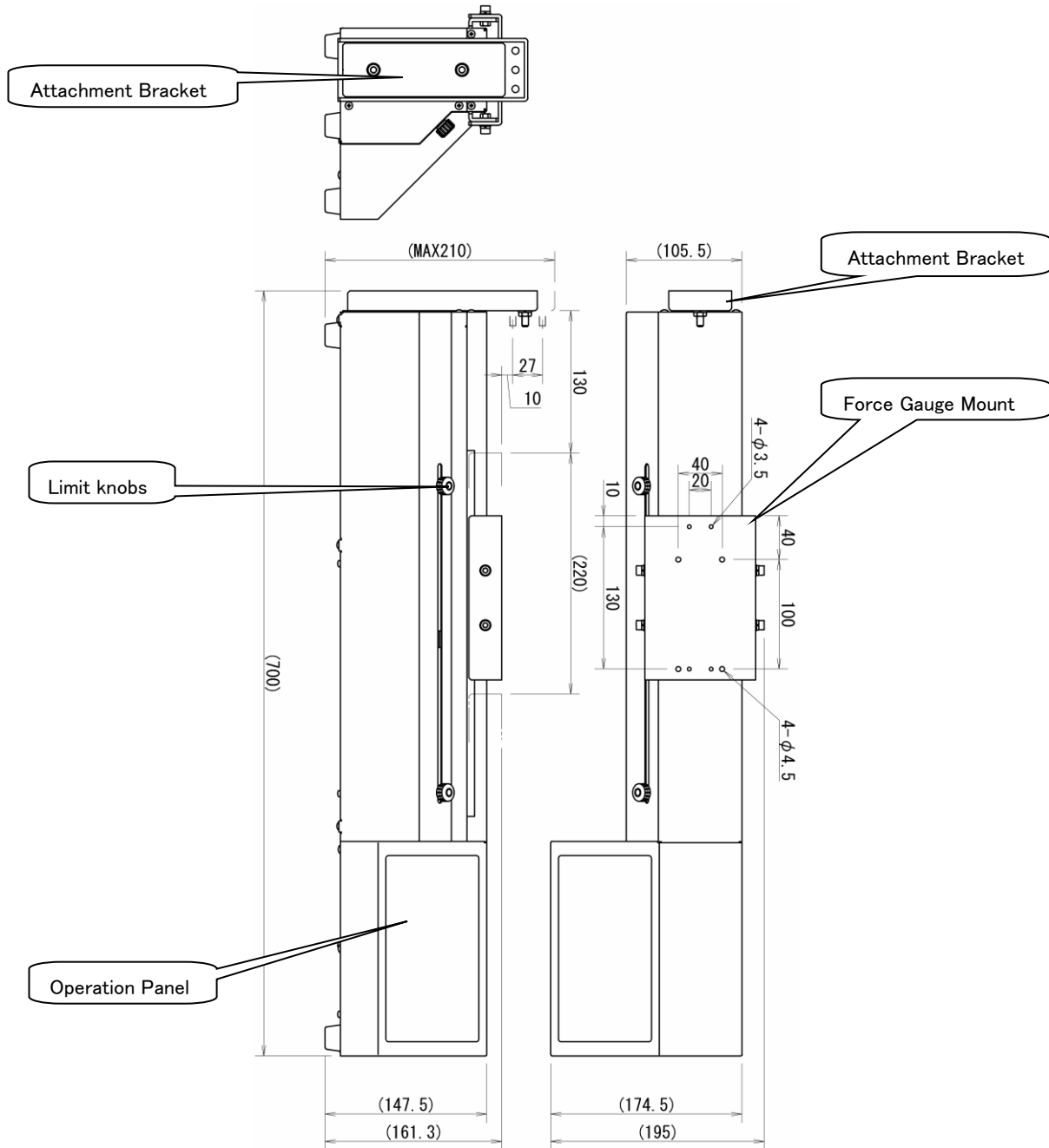
Factory built only. The customer can not build them after purchasing.

Scale unit (option *1)	Resolution: 0.01mm Zero / Origin
Length/speed meter (option *2)	Display unit EN-00 Speed resolution 1mm/min Length resolution 0.01mm Zero
Speed range	10 to 300 mm/min Capacity 500N “-F” suffix follows after the model number
Extended stroke	Up to 1000 mm Ask us for detail

*1 Factory built only for MH/ML-1000N-S

*2 Factory built only for MH/ML-1000N-E. See a brochure for EN-00

[Dimensions]



[Note]

- Force gauge is not included with this test stand.
- Various optional attachments are available.
- "Overload protection" does NOT completely avoid every failure of the gauge.
- Please do not apply the load exceeding force of capacity.
- Please avoid rapid temperature change, high humidity, the water, the dust, and the strong shock.
- It may change without a preliminary announcement for improvement etc.

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