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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).

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

| Model | Capacity | Auto cycle | Length/speed meter | Scale unit |
|------------|----------|------------|--------------------|------------|
| MH-1000N | | Yes | | |
| ML-1000N | 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 | | | |
| Force gauge | High capacity ZPH/Z2H/PSH series are <u>not</u> compatible. | | | |
| Single/Continuous | | Press and keep button for 2 | | |
| cycle | Yes | seconds so that this machine keeps | | |
| Cycle | | moving | | |
| Overload protection | Yes *0 | | | |
| Force control | 165 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.

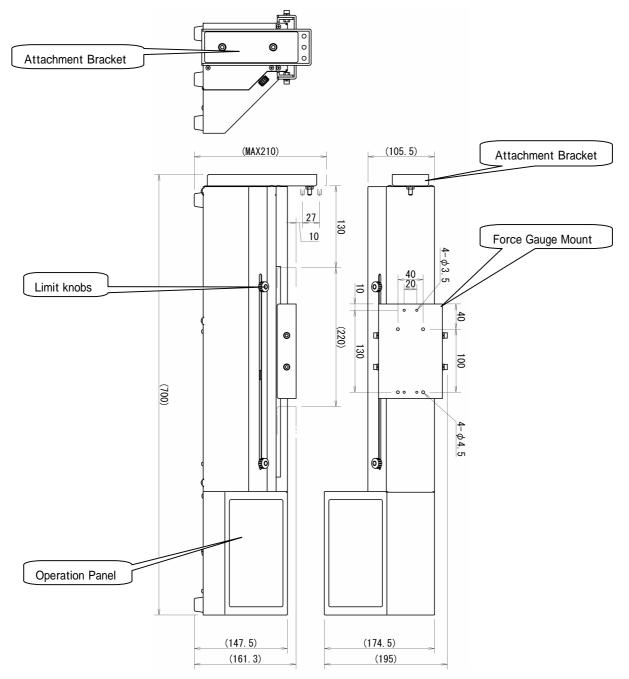
Factory built only. The customer can not build them after purchasing.

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|--------------------|--|--|--|
| Scale unit | Resolution: 0.01mm | | |
| (option *1) | Zero / Origin | | |
| | Display unit EN-00 | | |
| Length/speed meter | eed meter Speed resolution 1mm/min | | |
| (option *2) | Length resolution 0.01mm | | |
| | Zero | | |
| | 10 to 300 mm/min | | |
| Speed range | Capacity 500N | | |
| | "-F" suffix follows after the model number | | |
| Extended atraka | Up to 1000 mm | | |
| Extended stroke | 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.