

Test stand

MX-1000N / ~~MV-1000N~~ series

* MV-1000N has been out of manufacture since June, 2009.

IMADA CO., LTD. 1/3

Motorized Test Stand



(Force gauge and speed/length meter are 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.

[Features]

- Stable measuring by feed screw features with small step of the travel length.
- Suitable for Imada brand digital and mechanical force gauges.
- Overload protection and force control connecting with digital force gauge
- Optional scale unit implements scaling its travel length.

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Updated May 2005

[MX-1000N/~~MV-1000N~~ series models]

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

[MX-1000N/~~MV-1000N~~ series specifications]

Model	MX-1000N	MV-1000N
Capacity	1000N	
Stroke*1	Approx. 410 mm	
Feeding method	Feed screw with 4mm lead	
Travel speed	8 to 240 mm/min non-step	
Table	150 x 100 mm, Steel	
Force gauge	Imada mechanical / digital force gauge	
Single/Continuous cycle	Yes	
Overload protection	Yes *2	
Force control		
Dimensions	See dimensions	
Wight	Approx. 24kg	
Accessories	Grip mount GF-2(with M10/M6 thread)	
Below goodies are optional		
Scale unit (option *3)	Resolution: 0.01mm Zero / Origin	
Length/speed meter (option *4)	EN-00 Speed resolution 1mm/min Length resolution 0.01mm Zero	
Other speed ranges	“-F” 15 to 400mm/min (Usable capacity will decrease to 500N) “-O” 4 to 120 mm/min	

*1 Max distance from table to tip of measuring shaft of digital force gauge ZP/Z2 series.

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

*3 Factory built only for MX/MV-1000N-S

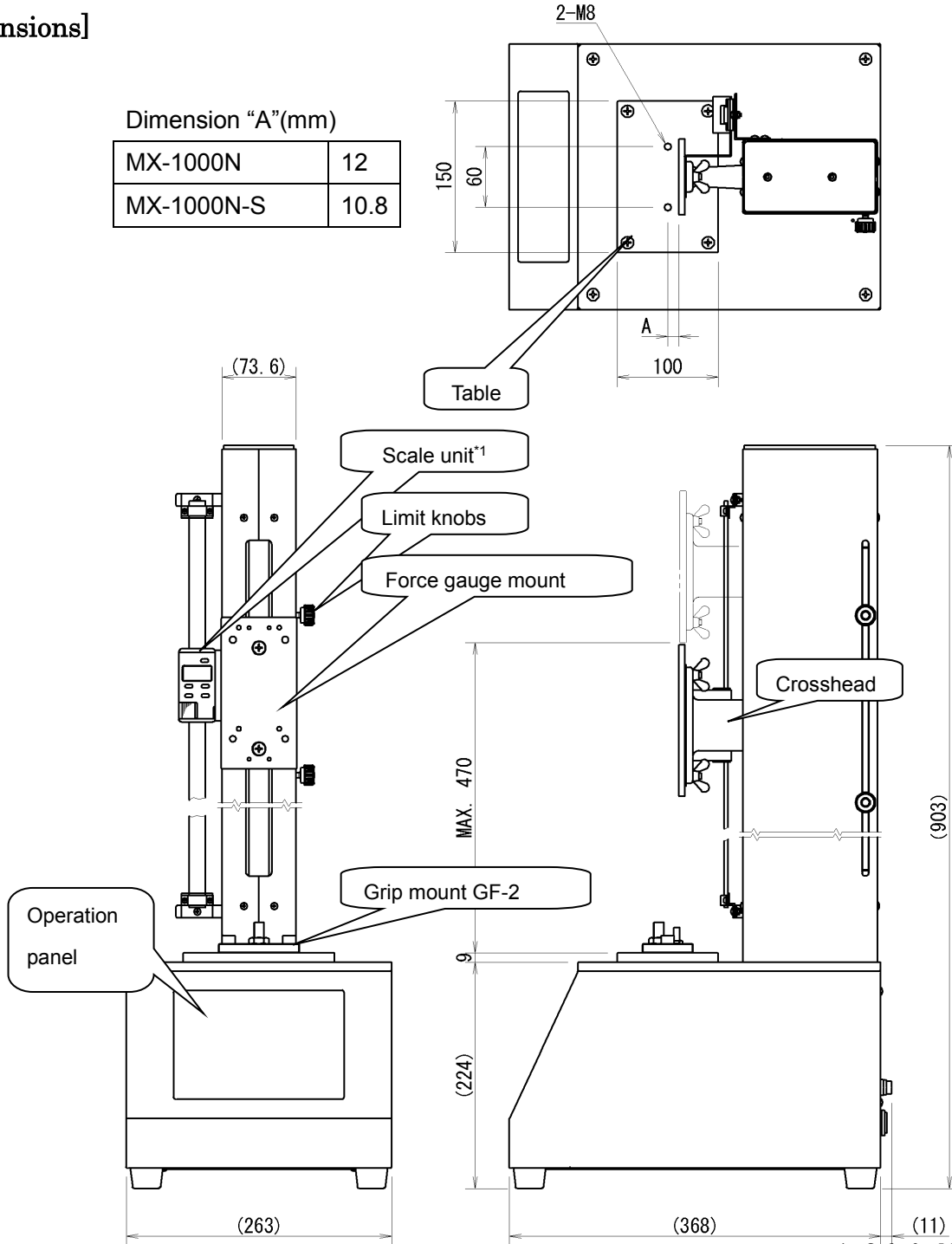
*4 Factory built only for MX/MV-1000N-E. See a brochure for EN-00

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[Dimensions]

Dimension "A"(mm)

MX-1000N	12
MX-1000N-S	10.8



*1 Only for MX/MV-1000N-S

[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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