Test stand

MX-1000N / MV-1000N series

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. (MX series only)**
- **Optional scale unit implements scaling its travel length.**

[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	Approx. 400mm	
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 Force control	Yes *0	Press and keep button for 2 seconds so that this machine keeps moving
Dimensions	See dimensions	
Wight	Approx. 24kg	
Accessories	Grip mount GF-2(with M10/M6 thread)	
Below goodies are optional		
Scale unit (option *1)	Resolution: 0.01mm Zero / Origin	
Length/speed meter (option *2)	EN-00 Speed resolution 1mm/min Length resolution 0.01mm Zero	

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

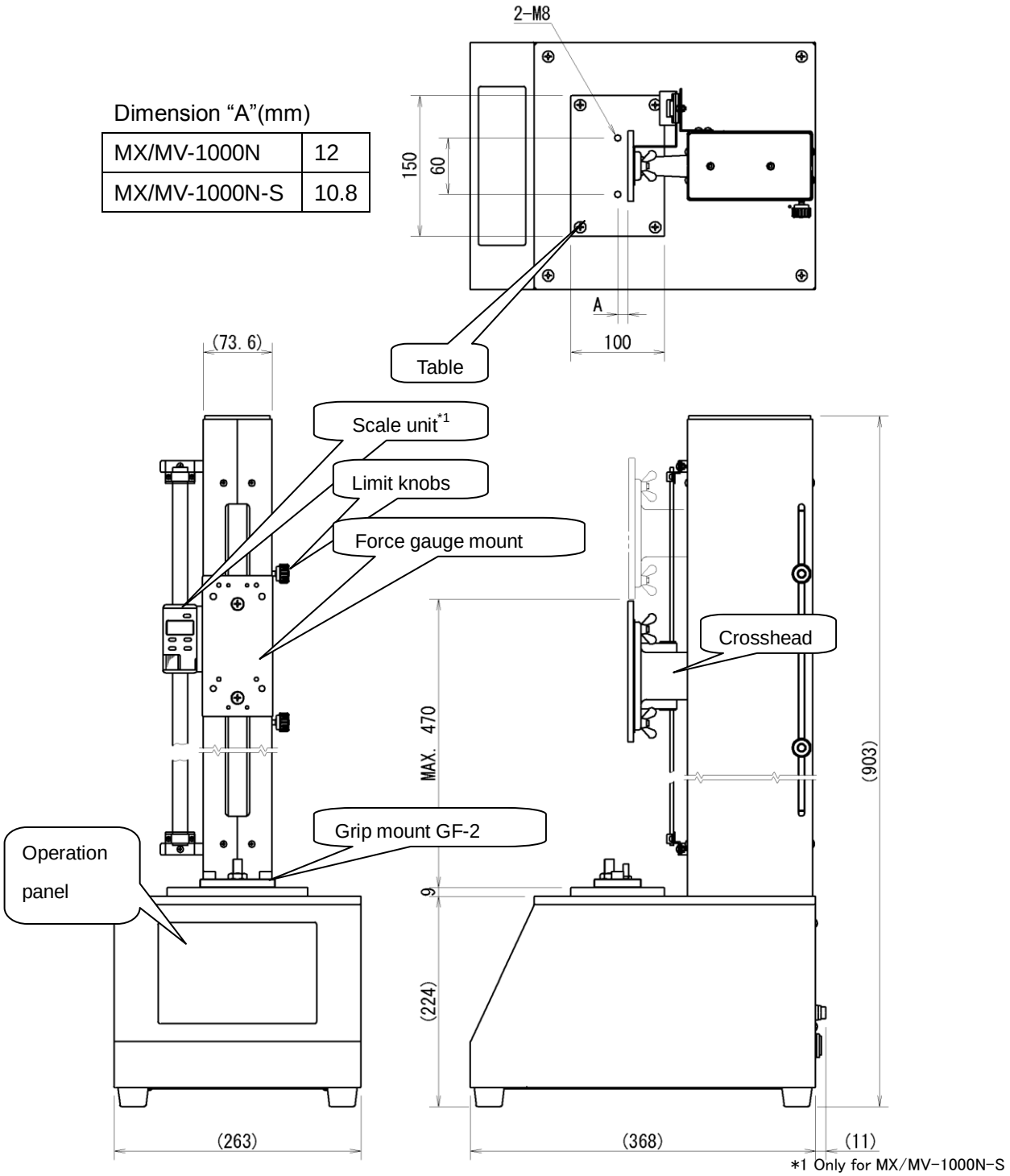
*1 Factory built only for MX-1000N-S

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

[Dimensions]

Dimension “A”(mm)

MX/MV-1000N	12
MX/MV-1000N-S	10.8



[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.*