

MX-2000N

Motorized Test Stand



MX-2000N
(Force gauges are sold separately.)

[Applications]

- Various material testing for medium force (measuring of tensile strength, compressive strength, shearing strength and etc.)
- Assessment test for small mechanical parts such as electric / electronic parts (measuring the strength of soldering, the pull-off force value of electrical leads and etc.)
- Peel test for bonding area or heat seal.

[Feature]

- Stable measuring with constant speed (adjustable) is possible.
- Continuous testing is possible by the auto-cycle function with adjustable upper and lower limits.
- Operation efficiency is excellent due to its spacious design.
- Force Controlled operation with Imada DPZ and DPZH force gauges

[Specifications]

Model	MX-2000N	
Capacity	2000N *1	
Stroke	350 mm	
Speed range	6 ~180 mm/min valuable Selection of fixed or adjustable speed mode	
Deceleration point	Adjustable	
Operation	Manual	Manual operation by panel key
	Single	Automatically returns after measuring
	Continuous	Continuous movement at the selected speed.
Safety features	Adjustable upper / lower limit., Emergency stop switch, Overload brake (works with DPZ series force gauge.) It works with DPZ series using optional cable CB-501 or CB-504	
Dimensions	See next pages	
Weight	Approx. 23 kg	
Power	100 – 240VAC, Approx. 50W	
Available options	Slow start (-P), Speed/length meter (-E), Other speed ranges, Extended stroke	
Includes	GF-1, Power cable, Gauge mounting screws	
Special features	1. Force controlled operation with digital force gauge DPZ series. - Keep force between “Hi” and “Lo” set values. - Stops when force is beyond “OK” range. 2. Adjustable decelerating point - When the test stand is in single or continuous cycle mode, it starts at its maximum speed. When the crosshead passes through the decelerating point, it slows down to adjusted speed.	

*1 Capacity will decrease when you choose option -WF, -F, or -M.

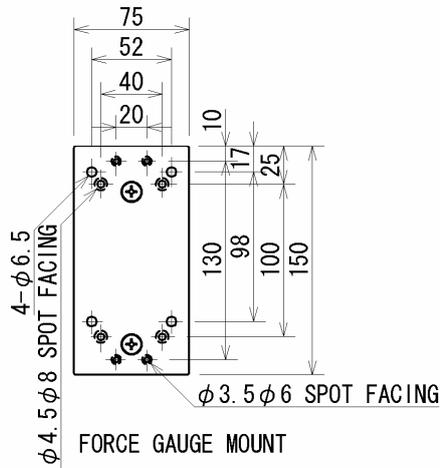
*2 See below table for available speed ranges.

[Available options]

Suffix	Speed ranges (mm/min)	Capacity(N)	Other
-WF	30 – 900	300	
-F	20 – 600	500	
-M	10–300	1000	
-O	3 – 90	2000	
-P	-	-	Slow start
-E	-	-	Speed / length meter
-L	-	Decrease by 50 %	Extended stroke 600mm

[Dimensions]

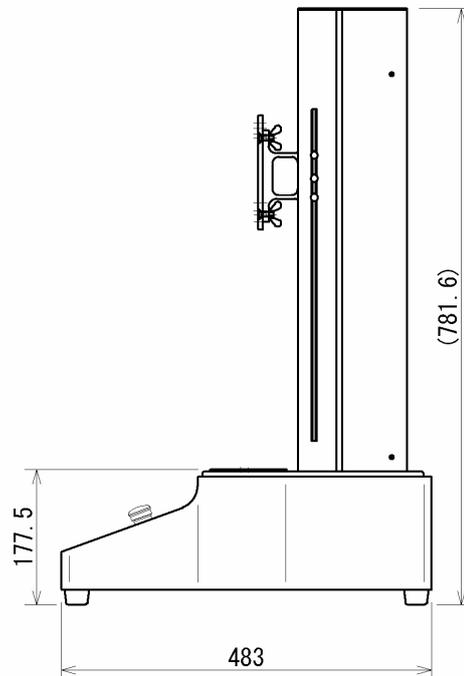
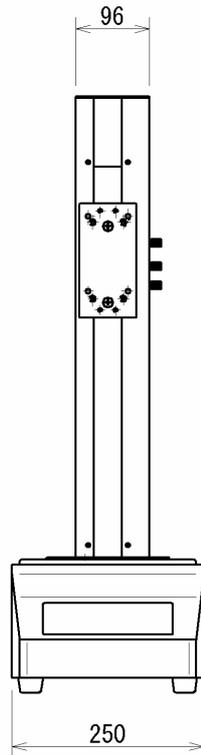
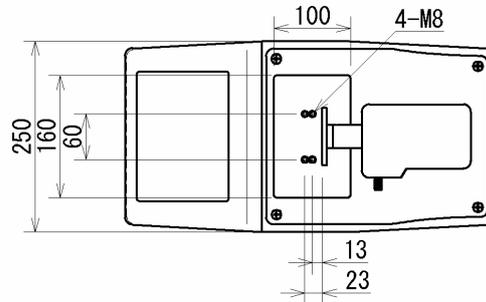
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[Note]

Force gauges are sold separately.

Various optional attachments are available.

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.