

## Test stand

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### MX-500N / MV-500NII

## Motorized Test Stand

MX-500N MV-500NII



MX-500N  
(Force gauges are sold  
separately.)

#### [Applications]

- Various material testing up to 500N (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-500N / MV-500NII	
Capacity	500N *1	
Stroke	350 mm	
Speed	10 – 300 mm/min adjustable *2 MX-500N can toggle <u>Fix speed</u> / adjustable speed	
Operation	Manual	Manual operation by panel key
	Single	Automatically returns after measuring (Only for MX-500N)
	Continuous	Continuous movement at the selected speed. (Only for MX-500N)
Safety feature	Upper/lower limit, Emergency button	
Dimensions	See next pages	
Weight	18 kg	
Power	100 – 240V AC, approx. 50W	
Special features only for MX-500N	Overload brake, Force control brake, Keep force within a certain range. Those functions are available with DPZ series connected through CB-501 or CB-504 cable.	
Comes with	GF-1 fix plate, Power cord, Screws to mount force gauge.	
Optional features (Built only in factory)	Digimatic length meter (-S) Extended stroke (-L550) Speed / length meter (-E) Other speed range (refer a table shown below) Use suffix after model number of “MX-500N” to select options	

\*1 Capacity will decrease when you choose other ranges of valuable speed.

\*2 See below table for available speed ranges.

## Available options

Suffix	Speed range (mm/min)	Capacity (N)	Other
-WF	40 – 1200	300	
-F	20 – 600	500	
-O	3 – 90	500	
-E	-	-	Speed length meter
-S	-	-	Digimatic length meter
-L550	-	Decrease by 50%	Extended stroke to 550mm

Above options will costs special charges. Use suffix after model number to select options

## [Note]

Force gauge is not included with this test stand.

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.

[Dimensions]

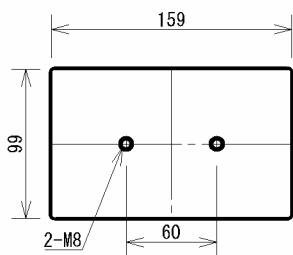
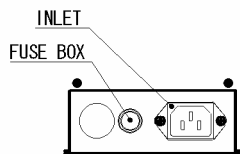
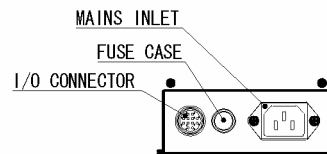


TABLE SURFACE



REAR MV-500N11



REAR MX-500N

