

# Motorized Test Stands

They provide constant test speed and apply force straight. They realize the high-repeatable measurement.

Combining a test stand with a force gauge and attachments, you can create a testing machine to meet your testing needs.



## Compression Test



## Tension Test



## Peeling Test

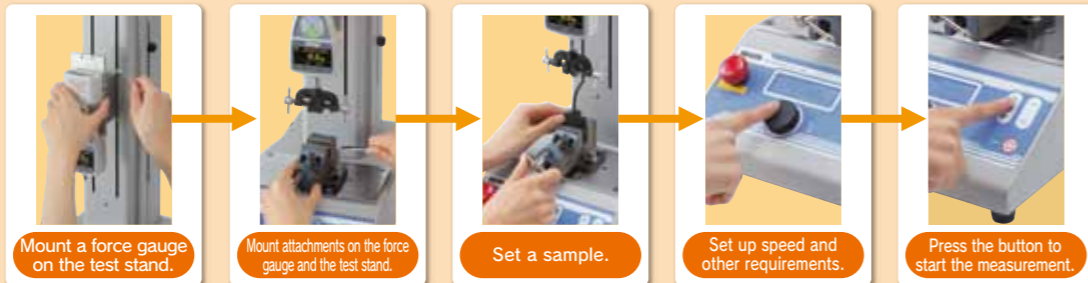


## Friction Test



## How to Use Motorized Test Stand

(Using Example: MX2 series)



As options, we can extend stroke, change speed range, and more to meet your measurement needs. Some models can equip a liner scale (FA version) to measure / analyze the relationships of force and displacement. The details are on Page 33.

## Standard Type

- Measuring speed can be set digitally.
- This type of stands have a monitor to show measuring conditions, so that you can set them easily.
- You can conduct a durability test using its timer function, and repeat test using its counter functions.



# MX2 series

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- Option**
- Length Scale
  - FA version
  - Long Stroke
  - Speed Range Change
  - Output and Input External Signal

Please refer to Page33



Lists	MX2-500N	MX2-1000N	MX2-2500N
Capacity	500N	1000N	2500N
Speed	10-300mm/min	10-300mm/min	10-300mm/min
Maximum Sample Height (※1)	Approx.235mm	Approx.300mm	Approx.320mm
Weight	Approx.18kg	Approx.19kg	Approx.26kg
Size	Approx.W220xD380xH562mm	Approx.W280xD410xH660mm	Approx.W280xD410xH644mm

# MH2-500N

## Horizontal Type

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- Option**
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Please refer to Page33



Lists	MH2-500N
Capacity	500N
Speed	10-300mm/min
Maximum Sample Length (※1)	Approx.245mm
Weight	Approx.14kg
Size	Approx.W554xD220xH219mm

# Advanced Type EMX-1000N

- The wide range of speed (0.5-600mm/min) and travel setting function fulfill various measuring requirements.
- It has the highest rigidity, offering greater accuracy.
- You can set travel digitally, equalizing measuring conditions.
- It stores maximum 5 measuring patterns in itself, improving measuring efficiency.
- It equips I/O connector to allow for communications with external devices, so that you can build it into your equipment to improve measurement efficiency.



Setting display

## Specification

Lists	EMX-1000N
Capacity	1000N
Speed	0.5-600mm/min
Maximum Sample Height (※1)	Approx.320mm
Weight	Approx.23.5kg
Size	Approx.W280xD410xH643mm

## Simple Type

- This type is the simplest.

# MX series

## Option

- Speed/ Length Meter
  - Length Scale
  - Long Stroke (except MX-5000N)
  - Speed Change
- Please refer to Page33



## Specification

Lists	MX-500N	MX-1000N	MX-5000N
Capacity	500N	1000N	5000N
Speed	10-300mm/min	8-240mm/min	10-300mm/min
Maximum Sample Height (※1)	Approx.235mm	Approx.420mm	Approx.340mm
Weight	Approx.13kg	Approx.24kg	Approx.30kg
Size	Approx.W214xD428xH573mm	Approx.W263xD368xH903mm	Approx.W250xD420xH816mm

**Note:** ○A force gauge is separately sold. ○Actual measuring capacity depends on the force gauge's capacity. However, when the test stand's capacity is less than the force gauge's capacity, you can measure force up to the test stand's capacity. (※1) The maximum height or length means the distance between the test stand table and the thread of the force gauge ZT series general type (1000N or less) at the highest position of the test stand. The distance does not include attachments. The distance of MX-5000N or MX2-2500 is in case of mounting ZT series high capacity type.

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- Option**
- FA version
  - Long Stroke
- Please refer to Page33



EMX-1000N



# MH-1000N·MH-300

## Horizontal Type



## Specification

Lists	MH-1000N	MH-300
Capacity	1000N	3000N
Speed	6-180mm/min	8-240mm/min
Maximum Sample Length (※1)	Approx.280mm	Approx.295mm
Weight	Approx.14kg	Approx.29kg
Size	Approx.W700xD195xH210mm	Approx.W700xD252xH227mm