

### <Category Table of Test Stand>

Motorized Test Stand		Manual Test Stand			
Able to make measurement speed and direction steady. Fit for durability test. Recommended for measurements according to kinds of standards		Low cost / High working property			
Vertical	Horizontal		Vertical	Horizontal	Small/Unique
Able to do various kinds of test such as compression, tensile, peeling and so on. Space-saving.	Easy to set up / take off sample	Handle Operation	Able to add force more steadily.	Easy to set up / take off sample	Fit for low capacity / hand-use
			SVH, HV series	SH series	KV, MS series
MX series MX2 series EMX series	MH series ML series	Lever Operation	Able to do compression/tensile test more efficiently		
			SVL series		

### <Comparative Table of Features>

[Motorized Vertical Test Stand]

Model	MX series	MX2series	EMX series
The external appearance			
Features	Popular	Standard	High-Spec
Index of selection	For those who prefer low cost and simple operation.	For those who demand to do repetition/ durability test. For those who would like to measure more precisely.	For those who would like to do complicated measurement more precisely. For those who demand to analyze force-displacement. *1

\*1 Force-displacement unit (FS-Master) is necessary for displacement output.

[Motorized Vertical Test Stand]

Model		MX series	MX2series	EMX series
The external appearance				
Structure	Flame axial stiffness	—	Stiffer than MX series	Stiffer than MX2 series
	Capacity	500N, 1000N, 5000N	500N, 1000N, 2500N	1000N
	Speed (mm/min)	10-300(500N/5000N) 8-240(1000N)	10-300	0.5-600
	Front part shield	—	Yes	Yes
Function	Manual operating mode	Yes	Yes	Yes
	Single cycle mode	Yes	Yes	Yes
	Continuous cycle mode	Yes	Yes	Yes
	Counter *2	—	Yes	Yes
	Timer *3	—	Yes	Yes
Speed/ Travel Setup	Travel range setup	Yes	Yes	Yes
	Digital setup of travel	—	—	Yes
	Digital setup of speed	—	Yes	Yes
	Setup of speed change point	Yes (5000N only)	—	Yes
Control function	Overload prevention *4	Yes	Yes	Yes
	Force control *4	Yes	Yes	Yes
	Emergency stop	Yes	Yes	Yes
	Control signal in/output	—	—	Yes

\*Some functions are addable as options. Please refer to each stand's specifications about it. We also provide made-to-order products according to your request, so please do not hesitate to have a talk with us.

\*1 The shield is a protection against dust or pieces of samples.

\*2 It is function which sets up the number of times to go and return

\*3 It is function which sets up pausing time at selected point.

\*4 Possible only when an optional cable is used together with Z series (digital force gauge) or FAPlus (Digital force analyzer) We do not assure that it prevents overload completely.

[Motorized Horizontal Test Stand]

Model		ML-1000N	MH-1000N	MH-300
The external appearance				
Features		Manual basic	Automatic operation	
Index of selection		For those who prefer low cost and simple operation	For those who demand labor saving	For those who demand to measure up to 3000N
Capacity		1000N	1000N	3000N
Function	Single/continuous cycle mode	-	Yes	
	Pause at overload *1	-	Yes	
	Force control *1	-	Yes	

\*1 Possible only when an optional cable is used together with Z series (digital force gauge) or FAPlus (Digital force analyzer) We do not assure that it prevents overload completely.

[Manual Vertical Test Stand]

Model	KV series	SVH series	SVL series	HV series
The external appearance				
Features	Small travel adjustment	Steady measurement	High working property	Long stroke
Index of selection	For those who demand to measure small force	For those who add force carefully	For those who demand to make working efficiency higher	For those who demand to measure bigger or extensible sample.
Capacity	50N	1000N		500N, 1000N, 3000N
The way of operation	Small handle	Handle	Lever	Handle

[Manual Unique Stand]

Model	MS series	SH series
The external appearance		
Features	Portable/ displacement measurable	Easy to set up a sample
Index of selection	For those who prefer portable stand or demand to measure from different angles as well as from horizontal or vertical For those who demand to analyze force-displacement. *1	For those who prefer low cost. For those who demand high working efficiency.
Capacity	50N	1000N, 3000N
The way of operation	Small handle	Handle

\*1 Force-displacement unit (FS-Master) is necessary for displacement output.

[Cautions]

- \*Force gauge is not included but necessary for force measurement.
- \*These products are designed for measurement purpose only.
- \*Index of selection here is just an estimate, so it is always not true to practical measurements according to environment or conditions of measurement.
- \*The contents may be changed without notice in advance.
- \*Do not copy the contents without permission.