

Desk-top type Testers

MODEL-1308U



※Digital force gage is optional.

Option
Grip mounting plate
MODEL-OJ-P-90
(Needed when using
the tensile test jig.)

A long-stroke automatic test stand dedicated to RZ Series & SX Series. This is a reasonable test stand that is suitable for tests of specimens of large size and long test stroke. When used together with RZ Series or SX Series, such operations are possible as overload monitoring and automatic stop and reversing when the load set in RZ Series or SX Series is reached. For combining this stand with RZ Series or SX Series, please use an optionally available RZ-OP-1/RZ-OP-2 for RZ Series or SX-OP-1 for SX Series.

Standard Specifications

Max. force	1000N (100 kgf)
Test speed	5 to 100 mm/min., variable
Speed changing	Continuous
Stroke	400 mm
Displacement display	None
Distance between test center & column	60 mm
Table size	W250 x D140 mm
Sample table size	W120 x D90 mm, center: M6
Drive motor	DC brushless motor
Driving mechanism	Trapezoidal screw
Driving mechanism guide system	Linear ball bush
Weight	Approx.20 kg
Size	W255 x H810 x D300 mm
Power supply	100 to 240 VAC, single-phase, 0.5 A



※Digital force gage is optional.

MODEL-1349

The MODEL-1349 is a lever type Stand exclusively designed for compression tests. The gage mounting unit is moved down with the lever.

Standard Specifications

Max. force	500 N (50 kgf)
Stroke	43mm/140 degrees
Table size	180 x 100 mm
Max. span	210 mm
Weight	Approx.9kg
Size	W200 x H435 x D235 mm



※Digital force gage is optional.

MODEL-1345

The MODEL-1345 is a manual test stand. The gage mounting head is moved up and down by rotating the handle.

Standard Specifications

Max. force	500 N (50 kgf)
Stroke	43mm (1.75 mm/rotation)
Table size	180 x 100 mm
Max. span	210 mm
Weight	Approx.9kg
Size	W200 x H435 x D235 mm

MODEL-2252R



※Digital force gage is optional.

The MODEL-2252R employs a motor-driven gage mount, which moves to the right and left. Zstage may be adjusted vertically. The work mount table has slotted holes for adjusting the jig position back and forth.

Standard Specifications

Max. force	500 N (50 kgf)
Test speed	10 to 80 mm/min.
Speed changing	In five steps or continuous
Stroke	150 mm
Displacement display	None
Z stage stroke	Adjustable with 40 mm
Distance between test center & Z-axis plane	39 to 79 mm
Table size	W100 x D100 mm
Driving mechanism	Trapezoidal screw
Drive motor	DC brushless motor
Weight	Approx.23 kg
Size	W518 x H228 x D345 mm
Power supply	100 to 240 VAC, single-phase, 0.5 A

Wire Harness Withdrawal Force Tester

MODEL-2254



※Digital force gage is optional.

The MODEL-2254 is a manual test stand for measuring the caulking strength of wire harnesses and so forth. The work mounting head is moved with a lever. Using the AIKOH RZ Series digital gages provides various functions, including data printing and storage in personal computers. The RZ Series digital gages are optional. The MODEL-2254 is supplied with a set of gages jigs.

Standard Specifications

Max. force	500 N (50 kgf)
Stroke	70mm
Chuck width	0 to 10 mm
Weight	Approx.15kg
Size	W525 x H150 x D200 mm

Vertical & Horizontal Manual Stand

MODEL-2256



※Digital force gage is optional.

Option
Grip mounting plate
MODEL-OJ-P-90
(Needed when using
the tensile test jig.)

A vertical and horizontal manual handle type small stand dedicated to RZ Series and SX Series. Capable of measurement up to 500N. The gage mounting part can be moved by turning the handle.

Standard Specifications

Max. force	500 N (50 kgf)
Moving distance	3 mm/handle rotation
Stroke	240 mm
Weight (Vertical)	Approx.16kg
(Horizontal)	Approx.12kg
Size	W200 x H500 x D150 mm (including handle)

Vertical & Horizontal Motorized Stand

MODEL-2257



※Digital force gage is optional.

Option
Grip mounting plate
MODEL-OJ-P-90
(Needed when using
the tensile test jig.)

A vertical and horizontal small automatic stand dedicated to RZ Series and SX Series. This is a reasonable test stand that is suitable for tests of specimens of small size and short test stroke. When used together with RZ Series or SX Series, such operations are possible as overload monitoring and automatic stop and reversing when the load set in RZ Series or SX Series is reached. For combining this stand with RZ Series or SX Series, please use an optionally available RZ-OP-1/RZ-OP-2 for RZ Series or SX-OP-1 for SX Series.

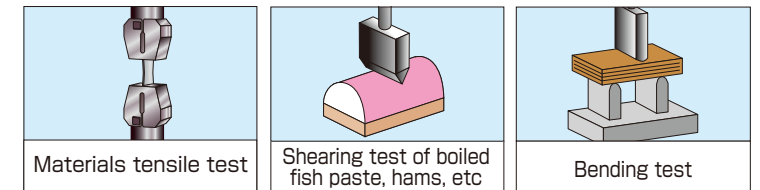
Standard Specifications (vertical type)

Max. force	500 N (50 kgf)
Test speed	10 to 200 mm/min.
Speed changing	Continuous
Stroke	150 mm
Displacement display	None
Distance between test center & column	49 mm
Table size	W200 x D120 mm
Drive motor	DC brushless motor
Driving mechanism	Trapezoidal screw
Driving mechanism guide system	Sliding contact
Weight	Approx.20 kg
Size	W215 x H380 x D235 mm
Power source	100 to 240 VAC, single-phase, 0.5 A

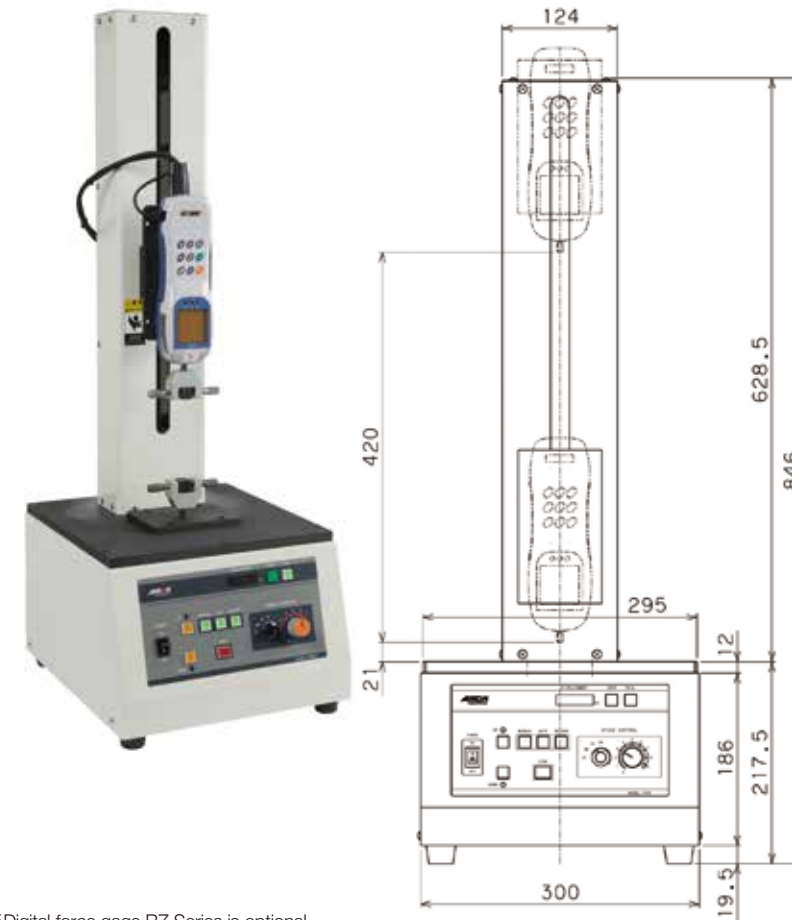
Bench Type Simple Tester

MODEL-1309RZ

Capacity: 1000N (100 kgf)
Force - Displacement



A small stand for force-displacement measurement dedicated to RZ Series. With a displacement resolution of 0.1mm, this stand is suitable for long-stroke tensile/compression tests. A force-displacement FS curve can be drawn on a PC screen by the dedicated software for effective data management.



※Digital force gage RZ Series is optional.

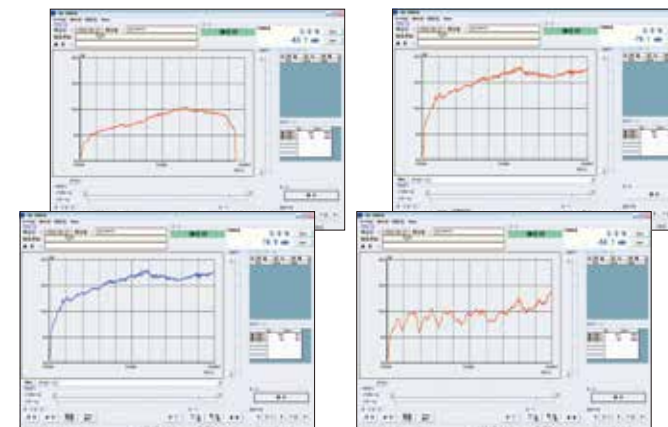
Standard Specifications

Max. force	1000N (100Kgf)
Force display	Depending on RZ Series
Test speed	10 to 300 mm/min.
Speed changing	LO: 10mm/min. MD: 100mm/min. HI: 200mm/min. Intended setting is available. VR: 10 to 300mm/min.
Stroke	400mm
Displacement display (Resolution)	0.1mm
Displacement display (Max. display)	±400mm
Table size	295 x 175mm
Weight	Approx. 35Kg
Size	W300 x H850 x D340mm
Power supply	100 to 120VAC/200 to 240VAC

Standard Configuration

Tester:MODEL-1309RZ
Application software for MODEL-1309RZ:
RZ-3009
Cable for connecting RZ Series: RZ-OP-8
USB cable

Dedicated application software RZ-3009



※This software is compatible with Windows 7or 8 & Japanese or English OS.

Major functions

Item	Description	
Data acquisition	Real time force/displacement acquisition, graph drawing	
	Data save/batch save	Dedicated format/CSV format
Data file processing	Data load/batch load	Dedicated format
Graph overlap display	Number of registration	100
Printing	Graph cut sheet print	Cut sheet horizontal: 1graph
	Graph continuous print	Cut sheet horizontal: 1graph
		Cut sheet vertical: 2graphs
		Cut sheet horizontal: 4graphs
	Cut sheet vertical: 8graphs	
	Pick up registered data	
Pick up registered data	Number of registration	100/measurement
Measurement list display	Representative value detection	Force max./min./average
	All measurements processing	Force max./min./average
Graph data list display	Time/displacement/force data values	
Stand control	Stand start/stop during test	
USB serial conversion	I-O DATA: RSAQ6 (Recommended/option)	