

# 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



### Option

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

※Digital force gage is optional.

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



### Option

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

※Digital force gage is optional.

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 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-1 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 |