No. 145-A CREEP TESTER (PULLEY TYPE)

No. 145-B CREEP TESTER (BALANCE TYPE)

No.145-A (PULLEY TYPE)

No.145-B (BALANCE TYPE)

JIS-K7115, ASTM-D2990, ISO-899-1

FEATURE

This tester is used to measure the creep buildup by applying static load to plastic test specimens. By choosing the Chuck, the tester is compatible with conducting tensile tests, condensation tests, and bending tests. The tester can also be assorted with test functions such as relaxation tests, heat shrinkage tests, and thermal impulse tests.

SPECIFICATION

Model	No.145-A	No.145-B
Hangings	3 Hangings, 6 Hangings, 10 Hangings (3 kinds)	
Specimen	See JIS-K7162 for reference	
Load Method	Pulley Wheel Type	Balance Scale Type
Test Load	Max. 500 N (50 kgf)	Max. 5 kN (500 kgf)
Displacement Measurement	Potentiometer: Scale 0.1 mm, Stroke 0 to Max. 300 mm	Differential Transformer: Scale 0.01 mm, Stroke 0 to Max. ± 40 mm
	Differential Transformer: Scale 0.01 mm, Stroke 0 to Max. ± 40 mm	
Temperature Range	Max. 200 °C	
Software	Windows Compatible	
Option	Compression Jig, Bending Jig, Low Temperature Oven, Constant Temperature & Humidity Oven, Divided Oven,Gauge Length Measuring Spec	
Power Source	Differs by Specifications.	
Dimensions/ Weight (Approx.)	Differs by Specifications.	

No. 145-SV CREEP TESTER (SERVOMOTOR TYPE)

No.145-SV

JIS-K7115, ASTM-D2990, ISO-899-1(CREEP TEST),
JIS-K6263, ISO-3384(STRESS RELAXATION TEST)

FEATURE

By adding a servomotor to the usual actual load type creep tester, and detecting the load using a load cell, the servomotor type creep tester can effectively reduce impact when the test specimen breaks, simultaneously saving space. By choosing the Chuck, the tester is compatible with conducting tensile stress relaxation tests and condensation stress relaxation tests. The tester can also be assorted with test functions such as thermal contraction testing and thermal impact testing.

SPECIFICATION

Hangings	3 Hangings, 6 Hangings, 10 Hangings (3 kinds)
Specimen	See JIS-K7162 or JIS-K6263 for reference
Load Method	Servomotor Type
Test Load	Max. 5 kN (500 kgf)
Load Detection	Load Cell
Displacement Measurement	Potentionmeter: Scale 0.1 mm, Stroke 0 to Max. 300 mm Differential Transformer: 0.01 mm, Stroke 0 to Max. ± 40 mm
Temperature Range	Max. 200 °C
Software	Windows Compatible
Option	Compression Jig, Bending Jig, Low Temperature Oven, Constant Temperature & Humidity Oven, Divided Oven, Gauge Length Measuring Spec
Power Source	Differs by Specifications.
Dimensions/ Weight (Approx.)	Differs by Specifications.

*Power source, dimensions, weight may differ by specifications.