

3 POSITION 500 LBS DEAD LOADED TENSILE CREEP STAND



Model No.
ASTM.D2990.103AT

Specimen Size or Difference Between Fixtures
Up to 1" wide and 0.25" thick

Construction
Steel frame

Temperature
Ambient

Fixture:	Mounting	Floor mount
	Capacity	10 lbs per station (0.044 kN)
	Weight	1,000 lbs
	Dimensions	9" deep by 36" wide by 20" tall
	Standard	Manufactured in compliance with ASTM D2990

QUOTE

Model No. ASTM.D2990.103AT - 3 Position 500 lbs Dead Loaded Tensile Creep Stand

Each loading station will be provided with a 10-1 multiplier arm that is pivoted on a knife edge rocker and is counter balanced to provide zero load in the loading train before dead weights are applied. Each station will be able to handle 500 lbs each and will be provided with a set of flat faced serrated tensile grips that can be removed from the system for clamping the specimen on the bench. An alignment and clamping fixture will be provided for insuring the specimen proper alignment. The grip assembly with creep specimen will be inserted into the load train with dowel pins at the top and bottom. The lower portion of the load train will be secured to the creep frame and supplied with a articulating coupling for proper alignment. The creep stand will be floor mounted with 3 individual creep testing stations and manufactured in compliance with ASTM D2990. This fixture is designed for creep testing and not stress rupture testing.

Tensile grips supplied: ASTM D638 and most flat specimen up to 1" wide and 0.25" thick

Maximum creep displacement: 0.500", with out compensation

Overall assembled dimension 48"wide by 48" deep by 72" tall

Shipping dimension (Frame) 48" by 30" by 72" tall

Construction: Steel frame

Calibrated Weights Included with Fixture:

(10) 10 Pounds of Calbrated Weights = 1,000lbs Creep Load

(10) 5 Pounds of Calbrated Weights = 500lbs Creep Load

(12) 1 Pound of Calbrated Weights = 120lbs Creep Load

(3) 1/2 Pound of Calbrated Weights = 15lbs Creep Load

(1) 10 Pounds Steel Shots = 100lbs Creep Load

ACCESSORIES

Model No. ACC.D2990.103BT - Optional Removable Bath (each station)

Model No. ACC.D2990.103OT - Optional Removable Oven (each station)

SPARE PARTS

Model No. SCW.0100 - Calibrated 10 Pound Slotted Creep Stand Weight
Model No. SCW.0050 - Calibrated 5 Pound Slotted Creep Stand Weight
Model No. SCW.0010 - Calibrated 1 Pound Slotted Creep Stand Weight
Model No. SCW.0005 - Calibrated 1/2 Pound Slotted Creep Stand Weight
Model No. SCW.0001 - 10 lbs Testing Steel Shot

Model No. SPA.103AT.01 - ASTM D638 Type I Specimen Alignment Jig

COMMON SIZE ADAPTERS

No adapters needed for this fixture

EXTRA PHOTOS:

