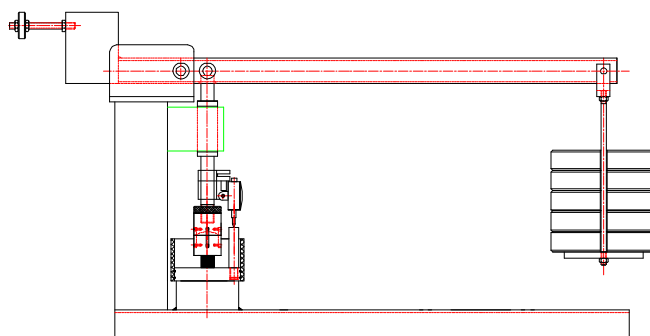


Standards:
ASTM D621 - 88 - WITHDRAWN
ASTM D2990 - 17

Material Type:
PLASTICS

Type of Testing:
COMPRESSION, AIR, BATH CREEP

2" DIAMETER COMPRESSIVE CONSTANT LOADING DEFORMATION CREEP TEST MACHINE



Model No.

ASTM.D2990.151BC
ASTM.D0621.10

Specimen Size or Difference Between Fixtures

Up to 2" diameter and 4" long
Up to 2" diameter and 4" long

Construction

Steel Frame
Steel Frame

Temperature

Ambient
Ambient

Fixture:

Mounting
Capacity
Weight
Dimensions
Standard

Table top
1,000 lbs

Manufactured in compliance with ASTM D621 and D2990

Model No. ASTM.D2990.151BC - 2" Diameter Compressive Constant Loading Deformation Creep Test Machine
The creep stand is capable of holding a specimen up to 2" diameter with lengths up to 4" and the displacement capacity during testing is 0.2". The compression loading platen is a spherical seat guided by a linear bearing. The constant load is provided by a counter weighted 15-to-1 compression multiplier loading arm that pivots on a bearing shaft attached to the vertical support column. The bath is custom fitted to the compression constant loading deformation unit and is constructed of heavy gage acrylic providing a rigid structure. The wall which forms the bath can be lowered over an O-ring for specimen setup and removal. The compression creep stand may be used with or without the circulating bath. The creep stand is supplied with a 1,000 lbs capacity weight tray with hydraulic jack lift, adjustable self aligning loading anvil which is attached to the vertical column, externally mounted 1/1,000" graduated displacement gage, Isomode vibration pads to reduce any outside vibrations and (2) 20 pound, (3) 5 pound and (4) 1 pound weights. Manufactured in compliance with ASTM D621 and D2990. This fixture is designed for creep testing and not stress rupture testing.

ACCESSORIES

There are no accessories available for this fixture

SPARE PARTS

Model No. SCW.0200 - Calibrated 20 Pound Slotted Creep Stand Weight
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.0151BC.01 - Replacement Vibration Isolation Pad

COMMON SIZE ADAPTERS

No adapters needed for this fixture

Material Testing Technology

420 Harvester Court - Wheeling, IL. 60090 - Ph: (847) 215-7448 Fax: (847) 215-7449 E-mail: sales@mttusa.net

EXTRA PHOTOS:

