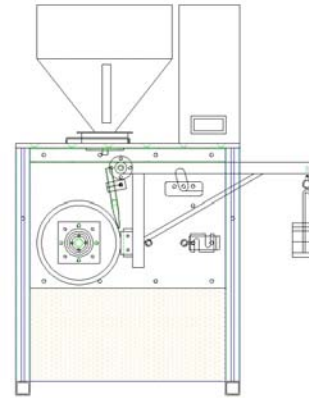


DRY SAND/RUBBER WHEEL ABRASION TEST FIXTURE



Model No.
ASTM.G0065.10

Specimen Size or Difference Between Fixtures
1.5" wide and up to 0.25" thick

Construction
Aluminum, steel, stainless steel,
acrylic, rubber

Temperature
Ambient

Fixture:	Mounting	Table top
	Capacity	10 - 30 lbs abrasion load
	Weight	Shipping: 500 lbs
	Dimensions	Shipping: 48" x 48" x 55"
	Standard	Manufactured in compliance with ASTM G65

QUOTE

Model No ASTM.G0065.10 - Dry Sand/Rubber Wheel Abrasion Tester

The Dry Sand/Rubber Wheel Abrasion Tester is used to test the abrasive resistance of solid materials to brasive dry sand compositions. The Abrasion Tester can be used for specimens constructed from metals, minerals, polymers, composites, ceramics, abrasives, and/or thick coatings. The fixture allows the user to rate the same solid materials/dry sand composition using mass loss or different materials/dry sand compositions using volume loss. Load 10 - 30 lbs. A rectangular specimen is loaded against a rotating rubber wheel and the controlled grit size sand is deposited at a steady flow rate between them. The rubber coating on the wheel is 60 durometer Shore A hardness. The wheel rotates in the same direction as the sand flows. The mass of the test specimen is taken before and after completing the test. The resultant mass loss due to dry sand abrasion with a rubber wheel is the difference between the two figures. The mass loss must be converted to volume loss to rate and compare the test results between different material specimens. This Dry Sand/Rubber Wheel Abrasion Tester allows for variable test load and sand composition. Includes (1) Steel/Rubber wheel with 60 Durometer Shore A Scale hardness rubber, specimen holder and lever arm - (multiplier arm to provide horizontal load) bench top housing, sand feed hopper, sand catcher, touch screen plc controller, (1) calibration block, 50 lbs of abrasive and dead weights: (2) 5 lbs, (4) 1lb, (1) 1/2 lb and 10 lbs of steel shot to conduct testing. Manufactured in compliance with ASTM G65.

SPARE PARTS

Model No. SPA.G0065.1001 - 50 lbs bag of AFS 50/70 Unground Silica Sand

Model No. SPA.G0065.1008 - Replacement Nozzle for Dry Sand/Rubber Tester

Model No. SPA.G0065.1050 - Magnetic Switch that Open and Closes Hopper

ACCESSORIES

Model No. ACC.G0065.1002 - 1/2 Skid (25 bags) of 50 lb bags of AFS 50/70 Silica Sand

Model No. ACC.G0065.1003 - Full Skid (50 bags) of 50 lb bags of AFS 50/70 Silica Sand

Model No. ACC.G0065.1004 - New Wheel with Silicone (Orange) Rubber Periphery

Model No. ACC.G0065.1005 - New Wheel with Neoprene (Black) Rubber Periphery

Model No. ACC.G0065.1012 - New Wheel with Chloro-butyl (Blue) Rubber Periphery

Model No. ACC.G0065.1006 - Recast Neoprene (Black) Rubber on Existing Wheel

Model No. ACC.G0065.1007 - Recast Silicone (Orange) Rubber on Existing Wheel

Model No. ACC.G0065.1016 - Recast Chloro-butyl (Blue) Rubber on Existing Wheel

Model No. ACC.G0065.1009 - D-2 Calibration Block Hardened to 59-60 HRc

Model No. ACC.G0065.1010 - H-13 Calibration Block Hardened to 47-48 HRc

Model No. ACC.G0065.1011 - 4340 Calibration Block Hardened to 31-33 HRc

Model No. ACC.G0065.1017 - Dressing Tool for ASTM G65 Wheels

Model No. ACC.G0065.1014 - Certificate of Material and Hardness of G65 Wheel (per wheel)

Model No. ACC.G0065.1018 - Replacement Shaft Seal Gasket for ASTM G65

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

MODI.G0065.1001 - Modify ASTM.G0065.10 Fixture to Accommodate an Auto Stop if the Door Panel is Opened

MODI.G0065.1002 - Modify ASTM.G0065.10 Fixture to Change Power Supply to 220V

EXTRA PHOTOS:



COMMON SIZE ADAPTERS

No adapters needed for this fixture