



DIN Abrasion Tester

Standards: [ASTM D5963](#), [EN ISO 20344](#), [ISO 4649](#),
[DIN 53516](#), [SATRA TM 174](#)



ULTIMATE USER-FRIENDLINESS



LEADING DEPENDABILITY AND RELIABILITY



STRICT COMPLIANCE WITH INDUSTRY STANDARDS



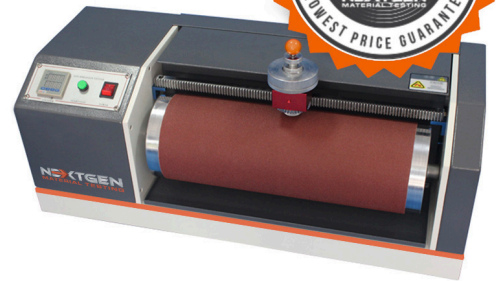
STOCKED CONSUMABLES AND SPARES



TRUSTED AFTER SALES TECHNICAL SUPPORT



LIFETIME PRODUCT SUPPORT ADVANTAGE



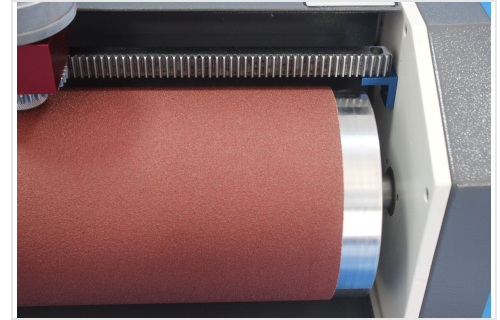
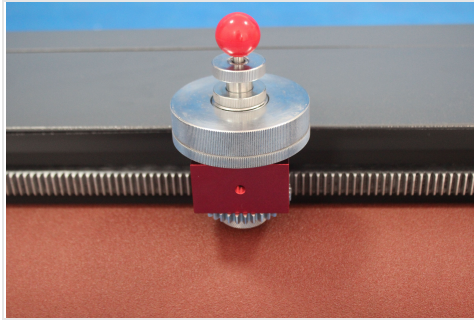
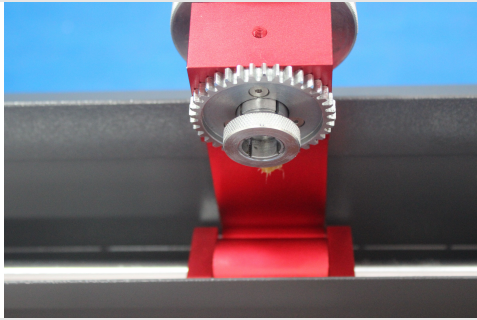
Certified DIN Abrasion Tester

GenDin is designed to conform to the ASTM, EN, ISO and DIN standards. This top quality and highly popular abrasion tester will allow you to measure the abrasion resistance of rubbers (vulcanized thermo set rubbers and thermoplastic elastomers) that are subject to abrasive/frictional wear on their actual service. Since wear is always a result of abrasion, different test methods have been developed for the simulation of long-term wear.

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Certified DIN Abrasion Tester Supplier

The method conforming to ASTM D5963 / ISO 4649 has proven to be the best way of simulating long term wear. This method enables comparative tests for the control of the uniformity of a specific material. The achieved test results provide important parameters with respect to the wear of elastomers in practical use. The abrasion resistance is measured by moving a test piece across the surface of an abrasive sheet mounted to a revolving drum, and is expressed as volume loss in cubic millimeters or abrasion resistance index in a percentage. Learn more about the significance of DIN Abrasion Testing.



Specifications

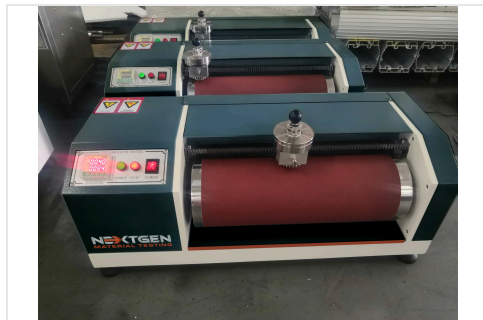
Model	GenDIN
Load	2.5±0.1N; 5±0.1N; 10.0±0.2N
Specimen Size	Diameter 16mm, thickness 6-16mm
Rotating Drum Diameter	150mm
Rotating Drum Speed	40 ±1RPM
Emery Cloth Specification	60 #, 425 ±473 ±1.5 (mm)
Testing Length	40M (about 84 rotations)
Horizontal Displacement	4.2mm / rotation
Test-Arm Weight	250 ± 5 (g)
Shift Screw	6 teeth / inch
Limit Rotation	85 rotations
Set Rotation	84 Rotations (about 40M)
Return Form	Automatic Electric Reset



Model	GenDIN
Power	110V/60Hz or 220V/50Hz
Machine Dimensions (W x D x H)	70 x 30 x 30 (cm) 27.55 x 11.80 x 11.80 – inches
Machine Weight	61 kg / 134 lbs

DIN Abrasion Tester Consumables

GenDIN can be purchased with a full scope of DIN Abrasion consumables for your current and long-term needs. The consumables include abrasive paper, circular cutting device, standard rubber slabs, additional 10N loading weights and more. You purchase your DIN consumables with or after the order of the main instrument. Additionally, NextGen often offers special consumables bonus incentives. Ask us for our best consumables offer by [request quotation](#) today.





Watch Video



Watch the DIN Abrasion Tester product video.

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