

ABRASION TESTING MACHINE

		ASTM D5963	DIN	
EIN			4649	\int

Automated testing device for determining the abrasion resistance of elastomers in the material loss process.



With the abrasion testing machine, you can determine the abrasion resistance of elastomers, by measuring the material loss under abrasive loads. Depending on the mode, the testing device guides the rigid or rotating material specimen, with a defined contact pressure over a rotating emery sheet, thus exposing it to abrasive stress. The emery sheet, conditioned beforehand through the use of a reference elastomer sample, guarantees the controlled wear of the test specimen. The material loss of the specimen, determined through the weight before and after the test, offers information on the abrasion resistance of the elastomer. Depending on the requirements, the stress on the specimen can be changed along the length of the abrasion path, optionally at 20 or 40 meters. An optional cleaning device ensures a constantly clean emery sheet during the abrasion process, through a connected and automatically-switched industrial vacuum cleaner.

MEASURING METHODS

Abrasion resistance, method A with a stationary, non-rotating sample Abrasion resistance, method B with rotating sample Abrasion path can be changed at 20 or 40 meters



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MAIN CHARACTERISTICS

EN



SC	OPE	OF [DELI\	/ERY

	TECHNICAL SPECIFICATIONS	Abrasion testing machine with protective cover		
t]	Measurements W x D x H: 760 x 360 x 320 mm	Specimen holder with weight support for round specimens Ø 16,2 mm		
KG	Weight 50 kg	Operating manual		



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ACCESSORIES

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Bareiss Prüfgerätebau GmbH

DAkkS-Kalibrierlaboratorium Breiteweg 1 89610 Oberdischingen, Germany Tel +49 (0) 7305 / 96 42-0 Fax +49 (0) 7305 / 96 42-22 sales@bareiss.de







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The accreditation is valid for the scope listed in certificate D-K-15206-01-00 (mechanical measurands in the range of hardness).