

AbrasionCheck

Abrasion tester in compliance with ISO 4649, ASTM D 5963 (DIN 53 516) standards

Overview

The abrasion test gives a comparative evaluation of the resistance to the abrasion of specimens made of vulcanised rubber, plastic and different materials.

The abrasion on a standard specimen is obtained through the use of a certified abrasive paper on a rotating drum with a standard test cycle.

Instrument characteristics

The Abrasion Check is supplied with weights of 0.5 and 1 kg to carry out different tests foreseen by the standards.

The instrument can be set both for tests with or without rotation of the sample.

The instrument is supplied with an electronic motor controller for precise regulation of the drum's rotating speed.

The drum's release system facilitates replacement of the abrasive paper and cleaning of the instrument.

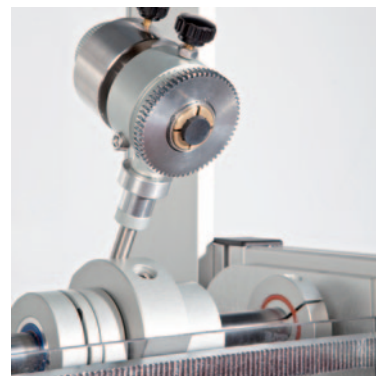
The special design of the sample holder with regulation of closure ensures correct holding of the sample.

The protective front panel ensures the instrument is in compliance with EU safety requirements.

Accessories

Mould or cutter for preparing specimens in compliance with the standards.

Reference specimens prepared with certified rubber.



Standards the instrument complies with	ISO 4649, ASTM D 5963 (DIN 53 516)
Test Type	Test with or without sample holder rotation Test with 500 or 1000 g load
Safety Devices	Plastic cover of the drum with automatic safety block Safety pushbutton
Sample Holder	Sample holder with closure regulation
Power Supply	220 VAC $\pm 10\%$, 50 Hz ± 3 , 4 A, single phase - Other on request
Electrical Power	0.4 KW
Motor Reducer	The electronic motor controller installed ensures precise control of rotation speed
Dimensions	(W x D x H) 950 x 380 x 420 mm
Weight	75 Kg
Drum release	The Mechanical release of rotating drum facilitates emery cloth replacement and instrument cleaning
Calibration	Calibration Report with traceability to primary standards
Notes	A millesimal scale (not included) is required to calculate the reduction in volume of the specimen.