

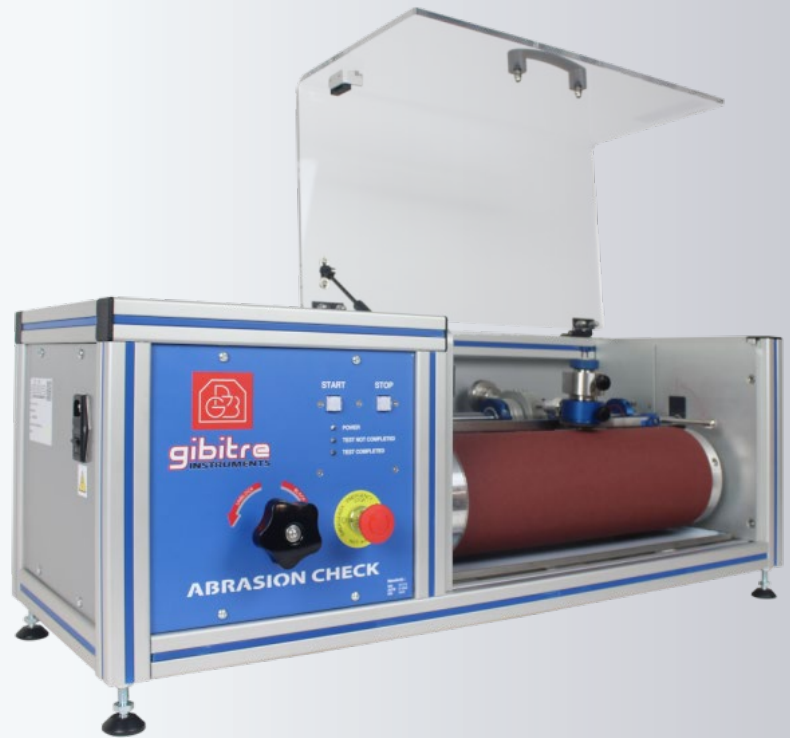


ABRASION CHECK

ABRASION TESTER IN COMPLIANCE WITH ISO 4649, ASTM D5963 (DIN 53 516) STANDARDS

STANDARDS: AS 1683.2; ASTM D5963; EN 12770; ISO 4649;

NOTE: COMPLIANCE WITH SOME STANDARDS MAY REQUIRE OPTIONAL ACCESSORIES OR SETUPS.



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

Description of the test

A cylindrical specimen, obtained by moulding or punched from a finished product, is inserted into the locking clamp. During the standard abrasion cycle, the specimen is pressed with a defined force against a rotating drum to which certified abrasive paper is applied.

Key Features

- Easy setup of the instrument to perform tests with or without axial sample rotation
- Quick change of the weights to set the vertical

force

- Detection of premature sample consumption with automatic test stop
- Special design of the sample holder with regulation of closure force of the sample and accurate set of sample protrusion
- Electronic motor controller for accurate control of the rotating speed of the drum
- Integrated brush for continuous drum cleaning during the test
- Drum unlock system to ease the replacement of the abrasive paper and the cleaning of the instrument
- Transparent protection cover with safety lock

• CE Labelling

Calculation of Test Results

The measurement of the volume variation of the specimen after the abrasion cycle is carried out with a millesimal scale (not included in the supply). The instrument Gibitre DensityCheck, optionally available, permits the autoamatic calculation of the Relative Volume Loss & Abrasion Resistance Index according to ISO 4649 & ASTM D5963 standards.

Accessories

- Certified samples in accordance with standards for verifying the level of abrasiveness of the abrasive paper
- Die and mold for the preparation of the specimens.

Test Setup: • Test with/without sample rotation; • Selection of vertical force on the sample (5, 10, 20N - Other on request); • Test with reduced run

Drum release: Mechanical release of the drum for easy emery cloth replacement

and instrument cleaning

Notes: A millesimal scale (not included) is used to calculate the reduction in volume of the specimen

