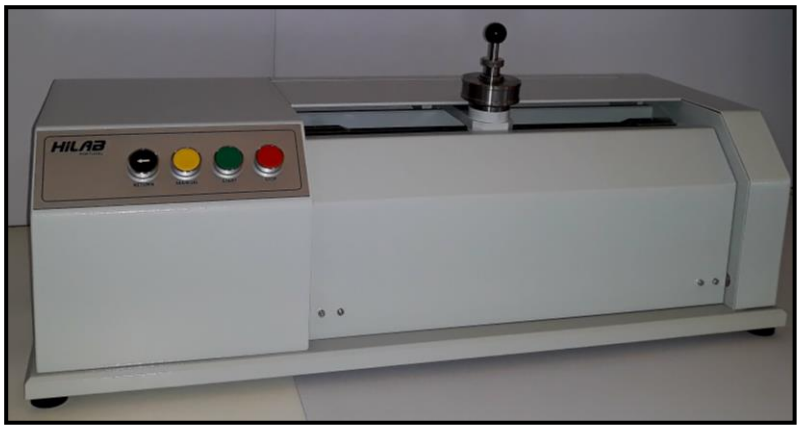
EQUIPMENT DATA SHEET	H072

Sole Abrasion Tester,

HILAB model H072



Purpose – Assess the abrasion resistance of sole footwear materials, according to ***ISO 4649:Met A; ISO 20871; ASTM D5963:Met.A; TM174.***

The abrasion machine basically consists of a laterally moveable test piece holder and a rotable cylinder to which a specified abrasive cloth is fixed, the diameter of cylinder is 150 ± 0,2 mm and the frequency of rotation 40 ± 1 RPM.

The test piece holder consists of a cylindrical opening, the diameter of which can be adjusted and have a device for adjusting the length of the test piece protruding from the opening to 2 ± 0,2 mm. The test piece is pressed against the abrasive cloth with a force of 10 ± 0,2 N and the lateral displacement is approximately 4,2 mm per revolution of the cylinder, so that test piece is only traversed four times across the same area of the abrasion cloth. The test automatically stops at the end of the abrasion distance.

To satisfy standards requirements supplementary weights are supplied to perform the test w/ a force of 5; 10 or 20 N.

IMPORTANT: The equipment has pre-installation for a vacuum cleaner, to allows the connection of a standard dust cleaner.

This equipment has a ***non-rotating*** sample holder. ***Fix and rotating*** sample holder are available in the model ***H072R***

All parts of the equipment contacting with sample are made in stainless steel and aluminum. The drum is covered with polished hard chromium, marked with references to facilitate the installation of the standard abrasion paper.

This equipment fulfils EC safety standards. A conformity certificate is issued	Certificate of conformity with test standards and a Workshop certificate are issued
The origin of this equipment is PORTUGAL. A certificate will be is issued at dispatch time	**Operation manual is delivered with equipment**

TECHNICAL DATA			
Voltage	(VAC)	230 ± 10	**Important Note:** Machine must be installed in a strong, rigid and leveled bench, in a controlled and clean environment
Frequency	(Hz)	50	
Power	(W)	350	
Compressed air	(bar)	----	
Dimensions (F x H x D)	(mm)	800 x 400 x 400	
Net Weight (including base)	(Kg)	50	

Due continuous technical development, we reserve the right to introduce product changes, without previous notice.

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