

Lace to Lace Abrasion Tester

HILAB model H067



Purpose – assess abrasion resistance of footwear laces, according to ISO 22774 and SATRA TM 154.

This equipment is delivered complete with all accessories to perform the test according three methods:

- Method 1: lace to lace;
- Method 2: lace to standard eyelet;
- Method 3: lace to eyelet (from footwear);

The machine is controlled by a touch screen, through which is inserted the test parameters.

Each station has an independent sensor that allows to record the number of cycles made in each station.

When one lace does not resist till the number of cycles imposed in the main counter, the weight falls over a stop system and the individual counter stops recording the number of cycles made by that lace.

If all laces broken before the total of cycles imposed in the main counter, machine stops, and individual results are showed.

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

TECHNICAL DATA			
Characteristics			Notes
Test stations	---	6	Note 1: All necessary devices and tools to perform the tests above indicated are delivered with machine and fulfil all standards requirements. Note 2: The equipment must be installed on a stable and rigid bench
Test speed	Cycle/min.	60±6	
Tensioning force	N	2,45±0,03	
Suspending mass	g	250±3	
Motion distance	mm	35±2	
Distance between clamps at minimum distance	mm	280±50	
Voltage	VAC	230 ± 10	
Frequency	Hz	50	
Power	W	450	
Dimensions (F x H x D)	(mm)	680 x 430 x 450	
Net Weight (including base)	Kg	29	

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