

“MARTINDALE” Abrasion Tester, with 9 stations



Purpose – The present equipment “MARTINDALE Abrasion Machine” is intended to determine resistance of a material to wet and dry abrasion and it is mainly applicable to fabrics, coated fabrics and leathers but it can be used with any flexible sheet material used for footwear, clothing, gloves and many other products, according to **ISO 12947-1; EN ISO 5470-2; EN ISO 20344:6.12; EN ISO 17704; EN ISO 12945-2.**

The main parts of the equipment are made of stainless steel, aluminum, and technical plastics, to avoid oxidation, even in wet tests.

The quality of the materials and their finish ensures uniform, smooth and no vibration movement of the holder guide plate.

The equipment is controlled by a PLC and the interaction with operator is made through a 5” touch console. Among other many facilities, the program has the possibility to select the inspection time as well as the total test time.

This equipment has nine stations and is delivered complete with one set of standard sample holders, weights for 12 and 9 kPa tests and an auxiliary weight, acc. to **ISO 12947-1; EN ISO 5470-2; EN ISO 20344:6.12; EN ISO 17704.** At request, **and as extra**, different sample holders and other tools can be supplied, namely acc. to ISO 12945-2.

<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 can be issued at request	Operation manual is delivered with equipment

Characteristics			Notes
Voltage	(VAC)	230 ± 10	Machine must be installed over a strong, leveled and rigid bench.
Frequency	(Hz)	50	
Power	(W)	400	
Compressed air	(bar)	---	
Dimensions (W x D x H)	(mm)	900 x 710 x 420	
Net Weight	(Kg)	78	

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

HILAB – Test Equipments & Consulting

Rua 16 de Maio, 308

3700-100 S. João da Madeira – Portugal

Tel. 00 351 916927147 – email: p.silva@hilab.pt