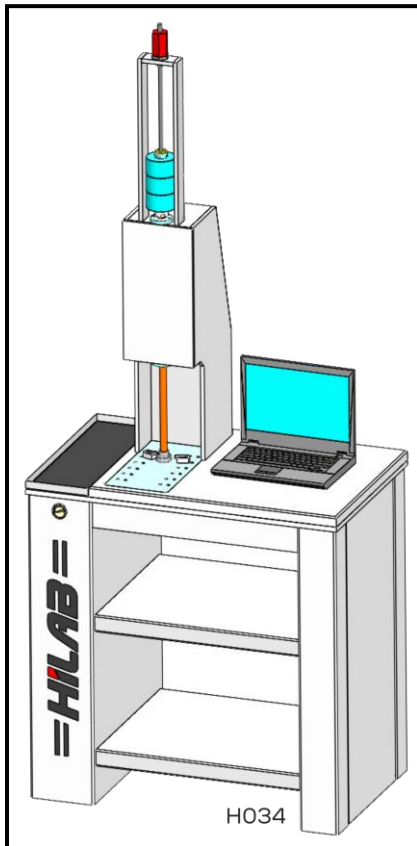
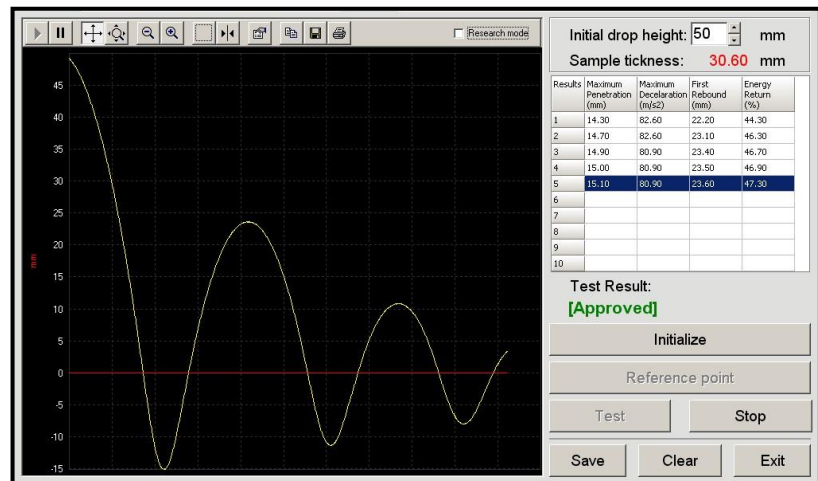


Shock Absorption Tester, **HILAB model H034**



Purpose – Evaluate the shock absorption properties of footwear outsoles, materials or assemblies of footwear bottom, according to *ISO/CD 25149*; TM142 and pre-prepared to ASTM F1976-24

This equipment basically consists of a falling weight with mass of 8,5 Kg, dropping from a specific height, normally from 50 mm but other displacement (maximum 160 mm) can be set to achieve other different energy levels.



The equipment is controlled by a PC which runs specific software allowing configuration of the type of tests and showing graphically the displacement, time, force, energy, deceleration, energy return, rebound height and test results, according to the requirements of each standard. All tests are stored in a data base allowing future analysis and re-analyze.

Software is very interactive and easy to operate allowing automatic running of the test. Software execute all calculations and automatically analyze test results showing if pass or reprove, according to test specifications.

TECHNICAL DATA			Note: Machine <i>has included</i> a strong and rigid bench.
Voltage	(VAC)	230 ± 10	
Frequency	(Hz)	50	
Power	(W)	650	
Compressed air	(bar)	8	
Dimensions (F x H x D)	(mm)	650 x 550 x 1650	
Net Weight (including base)	(Kg)	195	

Due to continuous technical developments, we reserve the right to make changes to the product.