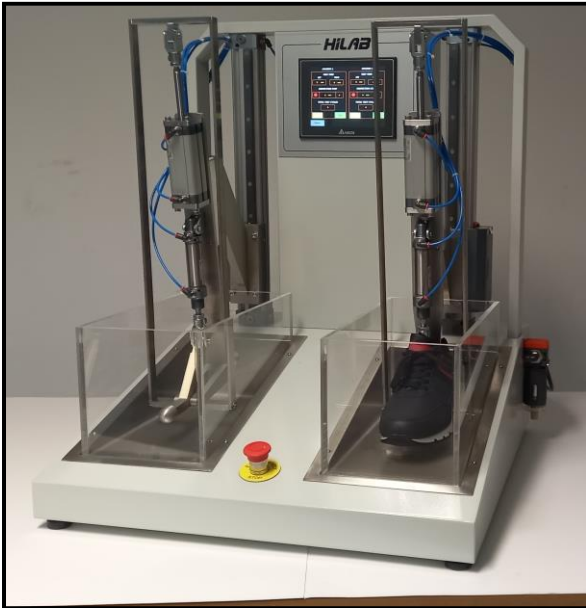


Whole Shoe Flexing Tester, (with and without water)

HILAB model H015



Purpose – This equipment is mainly used to assess the resistance of the complete footwear to water penetration during walk but can be also used to assess the flexing endurance of complete footwear in wet and dry conditions.

This equipment is suitable to perform the test of “*Dynamic footwear water penetration test*”, according to *EN ISO 20344-5.19:2021*; and *TM230*.

The equipment has two stations, which can be used at same time or individually, even one working in water and the other in dry conditions, or different type of footwear. Each station has an independently controlled air cylinder to move up and down the sample in and out of the tank, allowing that after a number of pre-set cycles the sample stops flexing and automatically comes out of the tank.

The assessment of water penetration is made visually after each inspection period and at end of test.

All movements are made pneumatically, and the command of the equipment is made by means of individual counters. Manual movements are allowed to permit pre-flex the sample to check if everything is ok before immersing in the water. Tanks are movable to allow drain off and clean.

At end of test cycles, the sample will come up automatically, and a buzzer is activated to alert to assess the test result.

Tanks are made of acrylic, and tanks supports are made in stainless steel. All other parts of the equipment contacting with sample and water are in stainless steel, aluminum, rubber, or plastic, to avoid oxidation.

TECHNICAL DATA			
Voltage	(VAC)	230	Note: Machine must be installed in a strong, rigid, and leveled bench.
Frequency	(Hz)	50	
Power	(W)	300	
Compressed air	(bar)	6 bars (min.)	
Dimensions (F x H x D)	(mm)	600 x800 x 650	
Net Weight (including base)	(Kg)	65	

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