EQUIPMENT DATA SHEET	H011

"BENNEWART" Flexometer,

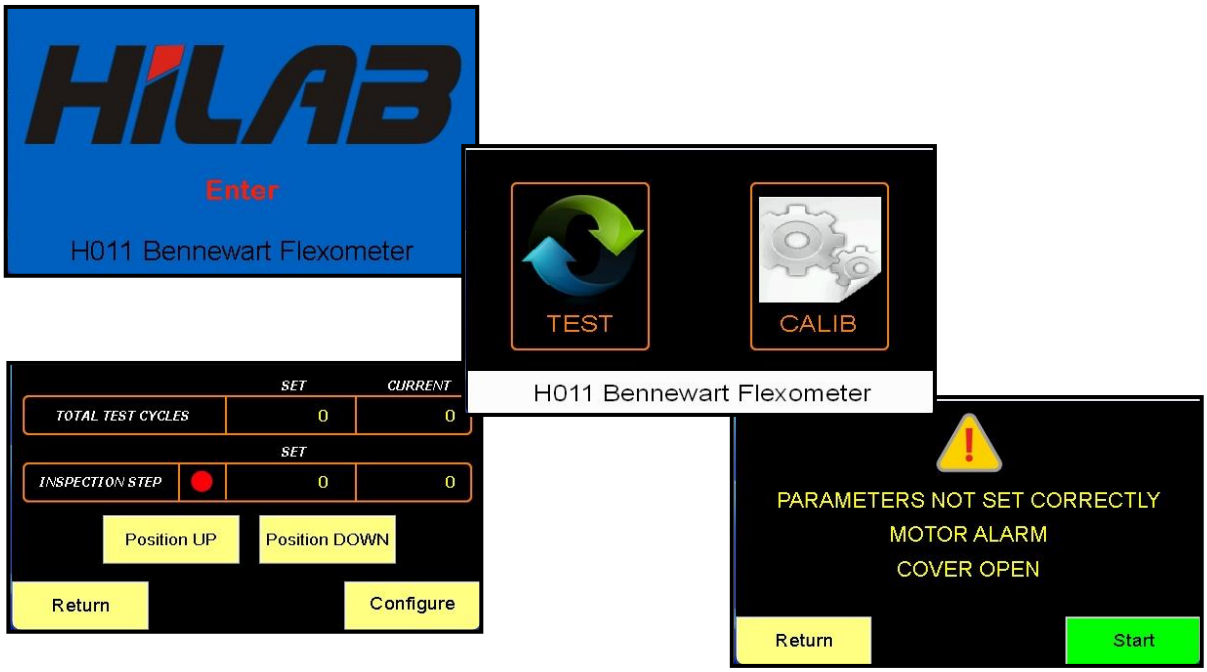
HILAB model H011

Purpose – Determine the resistance of footwear soles to cut growth during repeated flexing. It is also suitable to assess the effect of surface patterns, ***according to EN ISO 20344:8.6; ISO 17707.***

Our "Bennewart" sole flexing machine has three stations each one with a fixed and movable sample clamp. To facilitate the installation of test sample, the clamps have an automatic flat position and total bend position to allow make the incision and the cut measurement. These positions are selectable through touch screen.

The touch screen allows access to several facilities such as inserting the total number of test cycles, insert inspection steps and also has a calibration facility allowing easily periodical verification or calibration.

Some examples of the program screens:



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All pieces of this machine contacting with test sample are made from stainless steel or aluminium and strong enough to avoid bending during test.

The present model is to perform the test under room temperature. Test under cold temperature should be made in our model H011C, that has a cold chamber capable of maintain a constant test temperature till minus 20 ˚C.

<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**
Number of test stations	---	3	**<u>Note:</u>** The equipment must be installed on a strong and stable bench.
Flexing angle	(°)	90±2	
Test flexing speed	CPM	135 to 150	
Mandrel diameter	(mm)	30±0,1	
Voltage	(VAC)	230 ± 10	
Frequency	(Hz)	50/60	
Power	(W)	520	
Dimensions (F x H x D)	(mm)	680 x 360 x 590	
Net Weight	(Kg)	115	

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

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