

TEST METHOD: SATRA TM92

RESOTECH WHOLE SHOE FLEXING TESTER

MODEL NO. RESOTECH SCH-015



The SCH-017 Flexing Machine Has Been Developed To Assess The Flexing Endurance Of Completed Footwear In Wet And Dry Conditions. The Machine Is Supplied In Both Single Or Twin Station Formats And The Action Simulates The Flexing Of Footwear During Wear. The Angle Of Flex Is Adjustable Up To 90°. The Machine May Be Used To Predict The Failure Of Footwear In Wear. It Is Particularly Useful In Assessing Problems Associated With Bottom Construction. Footwear Is Clamped To The Machine At The Toe End Using The Appropriate Toe Clamp From One Of Five Pairs Supplied. The Heel End Is Secured To The Flexing Bar. A Predetermining Counter Is Fitted And Once The Appropriate Number Of Flexes Has Been Registered, It Will Stop The Machine So That The Shoe Can Be Inspected. The Moving Parts Of The Machine Are Covered By A Hinged Guard Which Is Fitted With The Latest Safety Device To Prevent Access While The Machine Is Still In Use. Sub Zero Temperature Up To –

20 °c. The Machine Is Robust And Non-Corrosive Materials Are Used Where Applicable In Its Construction.

Application

The Whole Shoes Flexing Tester Is Used To Test Finished Shoes, Like Sports Shoes, Casual Shoes Work Shoes Etc. It Determines Flexibility Resistance Or Indicating The Cracks Of Shoe Through Reciprocating Flexing Movement Under Specified Angel And Frequency.

Features:

- Pre-set test cycles can be set. The flex machine would auto-stop once it reaches the pre-set cycles.
- Real-time test cycles would be displayed.
- Bending speed can be adjusted easily and precisely.

Specification

Model	RESOTECH SCH-016
Grips	4sets (can test 4 samples in one go)
Standard	<u>SATRA</u> TM92 ISO 24266
Test Speed	– Angle: 0~50°Speed adjustable: 0~230cycles/min – Angle:50~90°Speed adjustable: 0~140cycles/min
Flexing Angel	10° ~ 90°adjustable
Counter	LCD /LED display , 0 ~ 99,999,999cycles can be set
Power Supply	1ϕ AC 220V 50/60HZ