

TEST METHOD: SATRA TM161

RESOTECH WHOLE SOLE FLEXING (BENNEWART) TESTER MODEL NO. RESOTECH SCH-012



This is used to determine the resistance of materials to cut growth during repeated flexing. **Benn wart Flex Tester** is used to test outsole flexing resistance by flexing the outsole at a certain speed and angle. The shoe outsole flexing method aims to check the effect of sole materials and surface patterns on cut growth. This whole sole flexing tester methods meet ISO 20344, ISO 17707, DIN 53543 and etc.

The method is especially applicable to the outsoles of footwear (having approximate minimum size 1 UK, 33 Paris Points), but may also be used with certain other flexible components. Samples are set at 140 flexes per minute and the number is recorded on a counter which has the facility to pre-set the number of flexes required.

Applications:

Remove the heel from the outsole and clamp the outsole according to the standard. Make sure the outsole would be fully flexed in the right position. Then to cut the sample with an equipped chisel (cutting tool) to the required length, the cut should be parallel to the bennewart flex machine. Pre-set the machine to run 30,000 cycles. After it finished the pre-set cycles, check the cut growth and any change of the outsole. For more information, welcome to contact us at any time!

Features:

- Test position can be made in Vertical or horizontal direction.
- Safety Cover is equipped to protect the operator.
- Shoe sole flexing tester with temperature control available;
- Brand motor to ensure long service life.

Specification

Model	RESOTECH SCH-012
Test Positions	1, 3, 6 Or Customized
Standard	ISO 17707, DIN 53543, ISO 20344, SATRA TM161, ISO20347 Section 5.8.4, AS/NZS 2210.2 Section 8.4.2, QB/T 2885,
Temperature	UPTO -30 ⁰ C
Flexing Roller Diameter	30 ± 0.1mm
Movable Clamp Moving Stroke	41.5 ± 0.5 Mm
Speed	125-150 Cycles/Min
Angle	(90±2)°
Power	1φ AC 220V 3A