

TEST METHOD: SATRA TM60

RESOTECH ROSS FLEX TESTER

MODEL NO. RESOTECH SCH-018



This Machine Is Used To Measure The Resistance Of Non-Leather Shoe Soling To Cracking In Wear Due To Flexing And Can Test 12 Strip Test Pieces At A Time. This Machine Can Also Be Used To Test Whole Soles. It Normally Runs At 60 Flexes/Minute, But For Tests To ASCH Standards A Motor To Give 100 Flexes/Minute Can Be Fitted. This Ross Flexing Tester Is Suitable To Test All Types Of Flexible Sheet Material. Ross Flex Test Method Includes ASTM D1052, SATRA TM60, ISO 4643 And Etc.

Application

Cut sample with required chisel. Fix one end of the sample on the the fixed grip and fix the other sample end on the movable grip. Make sure that the cut position is at the center point of the arc of the rod. Ross flexing tester would flex the sample in certain speed. Check the cut growth at frequent intervals. Ross flex test aims to know rubber resistance ability of crack resistance when subjected to repeated flexing. The thickness of the specimen is critical to the results; hence a standard thickness is used. If the material is thinner than the standard thickness, the test may be conducted in the same way but the result obtained for the cut growth rate may be lower than for a specimen of a standard thickness.

Features:

- The Test Speed Adjustable; Meet Both ASTM D1052 And SATRA TM60;
- Equipped With 2 Pieces Of Chisels – ASTM & SATRA;
- With Safety Cover To Protect Operator; Machine Would Stop Once The Cover Is Open;
- Memory Function
- Low Temperature Ross Flexing Tester Available;

Specification

Model	RESOTECH SCH-18
No. Of station	10 Stations
Bending Angle	90±2°
Speed	60± 5 CPM
Specimen Dimension	150±5 * 25±2mm
Counter	Digital, 0~99,999,999
Power Supply	1φAC 220V 50/60HZ 3A
Standards	SATRA TM60, BS5131 : 2.1, , ISO 5423,ASTM D1052

Standard Accessories(optional)

S.No.	Qty.	Accessory
1.	1PC	Chisel Cutter(2.5mm)For ASTM1052 TEST
2.	1PC	Chisel Cutter(2mm) For Other Standard
3.	1PC	Power Line