

Test Method: SATRA TM223, SATRA TM38

RESOTECH IMPACT SCUFF TESTER

MODEL NO. RESOTECH SCH-040



This method is intended to assess the potential for a shoe bottom material to mark floorings during wear. It is applicable to all types of soles and heels taken from whole shoes, pre-moulded units or sheet materials.

The machine is also known as Marking Tester (Scratch Tester) to test for floor marking by solings or top pieces. Also used for upper leathers for their resistance to damage when struck a single glancing blow. This test gives an indication of the resistance of a footwear material to scuffing, surface damage which occurs when upper of a shoe is grazed against rough surface.

APPLICATION

This instrument is used to detect the impact resistance performance of glasses. The test method is to fix the glasses on the head mold or the lens fixed sample holder, and use the free fall of steel balls to impact the glasses to detect the rupture or shedding of the glasses due to the impact of external force to judge the safety of wearing.

Features

- 1.The height of the instrument is adjustable, which is convenient for various height tests.
- 2.Glasses Impact Resistance Tester: Red laser pointer, aiming at the impact point, easy to use.
- 3.The installation of the head mold, the front, back, left and right positions can be adjusted, and the operation is simple.

Principle

A test specimen is cut from the wearing surface of a complete sole unit, sole, heel or sheet material and stuck to a metal holder which is fixed to the underside of a pendulum. The pendulum is held in a raised position and released, allowing the test specimen to strike across the surface of a strip of standard flooring material. The height of the flooring material is set to control the compression of the test specimen as it makes contact. The flooring material is examined and any marking produced by the impact is assessed, together with the ease with the ease of removal.

SPECIFICATION

Model NO.	RESOTECH SCH-040
Angle	0-90 ⁰
Pendulum Weight	1kg
Floor Standard	200x25mm
Pendulum Speed	40±2sec.
Power Supply	1 ϕ Ac220v 50hz 5a
standard	SATRA TM 223, SATRA TM 38