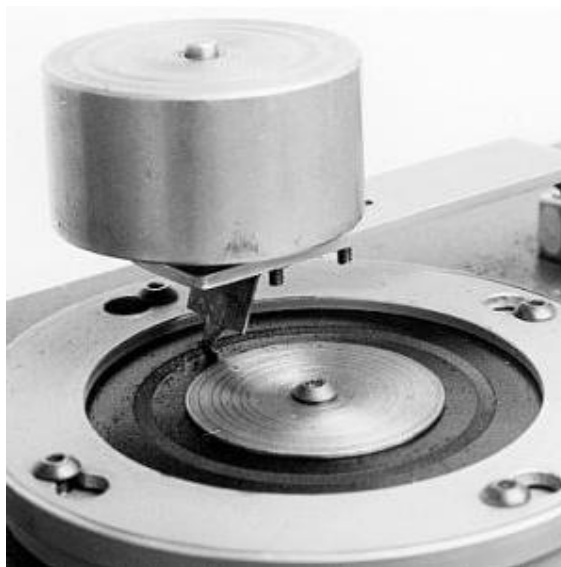


Test Method: SATRA TM140

RESOTECH CHISEL SCUFF TESTER

MODEL NO. :- RESOTECH SCH-041



This method is intended to determine the resistance of a material to snagging and abrasion. The method is mainly applicable to coated or heavily finished scuff resistant footwear upper materials, but it can be used with any durable sheet material.

Principle

A Circular Test Specimen Is Rotated Against A Chisel Of Defined Dimensions Under A Constant Contact Force. The Test Specimen Is Regularly Assessed And The Test Is Terminated When The Damage To The Specimen Has Reached A Predefined Level.

References

This Test Method does not reference any additional Standards or Test Methods.

Availability

This test method is available to members and non-members.

Type

- Abrasion

Scuff Resistance Tester Principle

A circular specimen is rotated against a chisel of defined dimensions under a constant contact force. The specimen is regularly assessed and the test is terminated when the damage to the specimen has reached a predefined level.

Usages

- Leather - uppers and linings
- Tests applicable to several material types
- Textiles and coated textiles, including synthetic uppers and linings

Specification

Scuff Resistance Tester Key Specifications

Model		RESOTECH SCH-041
Turntable	Diameter	110mm
	Rotating speed	60 rpm
Inner clamp ring		External diameter 55±5mm
Outer clam ring		Internal diameter 90±5mm
Test load		8.8±0.2N
Chisel blade	Thickness	0.8±0.05mm
	Width	3.8±0.1mm
Counter		LCD display 0-999999Counter
Dimension (W×D×H)		44cm×37cm×27cm
Weight (approx.)		30 kg
Power		1ϕ, AC220V, 50/60Hz
Standard		SATRA TM 140
Standard Accessories		P180 Sandpaper