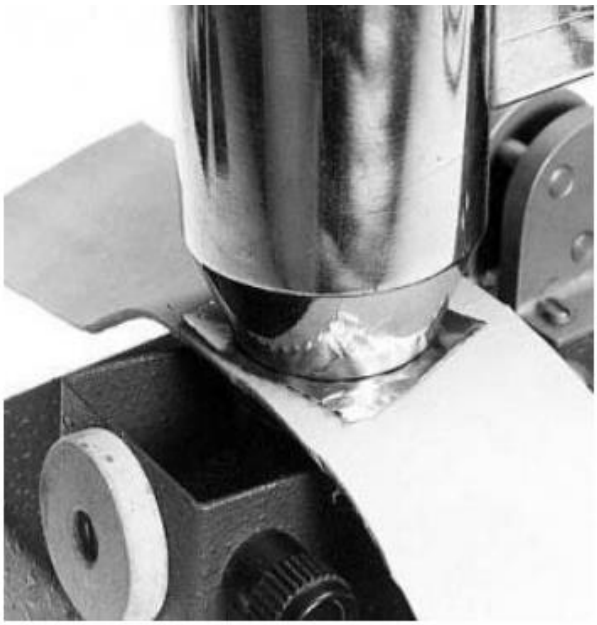
TEST METHOD: SATRA TM49

RESOTECH HEAT RESISTANCE TESTER

MODEL NO.RESOTECH SCH-011



The heat resistance tester is ideal for assessing the effects of heat on outsole and upper materials. Heat is applied to the sample via a heated square pad manufactured in copper. When testing rubber and polymeric outsoles in accordance with the standard, the material should not melt and no cracks should develop when the tested outsole is bent around the mandrel supplied. In the same way leather outsoles should not develop cracks or charring when bent around the same mandrel.

. This shoe hot contact resistance tester is equipped with a temperature indicator to display the temperature while on the moving arm, there is a weight to make sure the sample is applied with same pressure.

Application

Press the constant temperature metal block which is made of copper on the Sample to check if the sample surface would be damaged or not.

Features:

- The heated copper pad is of constant mass and incorporates a temperature indicator.
- An additionalweight fixed to the moving arm ensures that the same pressure is applied to all test pieces.
- Provision is also made for holding the copper pad above the test pieces between tests.

Specification

Model	RESOTECH SCH-011
Cylinder	Mass 200±20g, Lower end surface 25.5 x 25.5 mm
Metal Block	530±50g
Temperature	RT~400°C
Test Pressure	20±2kPa
Power supply	1ϕAC 220V 50/60HZ 3A
Standards	EN 344, QB/T 2926-2007, QB T1807, EN-344-1 section 5.18, SATRA TM49, GB/T 20991 section 8.7, AS/NZS 2210.2 section 8.7, ISO 20344 section 8.7, BS 5131 Part2.11

Standard Accessories (optional)

S.No	Qty.	Accessory
1.	1pc	Heat Protective Hood
2.	1set	Hand Protective Gloves