

Test Method: EN ISO 20344

RESOTECH HEAT INSULATION TESTER

MODEL NO. RESOTECH SCH-037



Shoe Heat Insulation Tester –is used to test shoe heat insulation / thermal insulation against hot performance. Place the shoe in sandbath and the footwear shall contact with the plate(forepart and the heel) in certain temperature for a given period. Then to measure the temperature increase inside of the shoe. The contact temperature and time is specified in production standard. This bath is designed to assess the heat insulating properties through the soles of safety footwear. The apparatus consists of a thermostatically-controlled hot plate covered with sand.

Application

This **shoe heat insulation tester** is used to determine the heat insulation performance for the whole shoe. Place the specimen (a whole shoe) on the hotplate with a specified temperature for a certain period to examine the increase of temperature inside of the shoe.

Standard Accessories(OPTIONAL)

Standards accessories	1set	Temperature probe
	4kg	¢ 5 mm Steel balls
	1pc	Power line

SPECIFICATION

Model NO.	RESOTECH SCH-037
Sandbath Size	(40±2*40±2)cm, Height > 5cm
Hot Plate Temperature Range	RT~250°C (Accuracy ±5C)
Temp Sensor inside Shoe	Soldered on a thick (2 ± 0.1 mm) diameter (15 ± 1 mm) copper plate
Stainless steel balls	Diameter 5mm, 4kg
Power	1¢, AC220V
Standard	ISO 20344 section 5.12, GB/T 20991 section 5.12, AS/NZS 2210.2 section 5.12
Accessories	Stainless steel balls (4kg) Temperature Recorder 1set