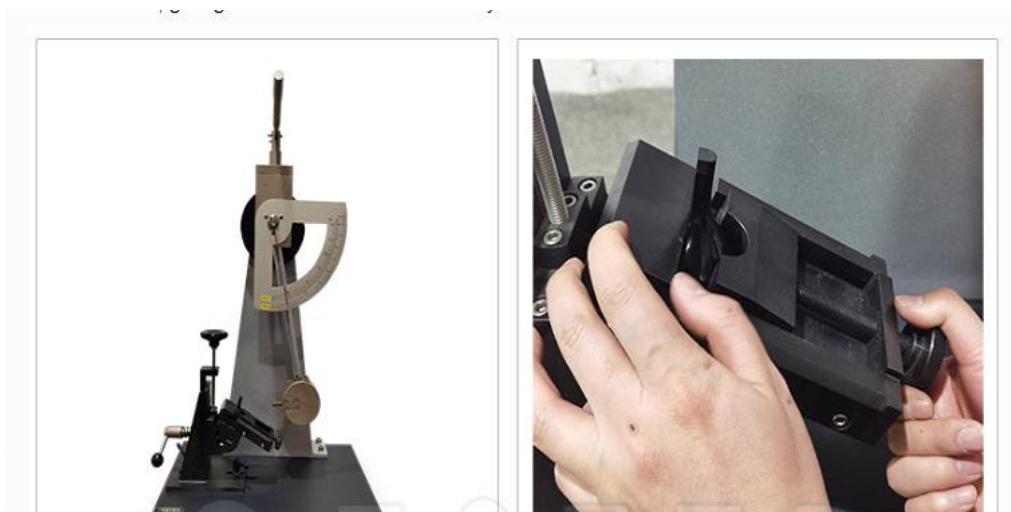


TEST METHOD: SATRA STD 155

RESOTECH HEEL IMPACT TESTER

MODEL NO. RESOTECH SCH-045



This device is used for determining the resistance of heels to sudden impact loads in wear caused by abnormal stresses.

STD 155 has been extensively used for heel development and quality control. The heel under test is held rigidly at the seat in a fusible alloy clamp (supplies available from SATRA Ref: 303976) in a position which allows the falling pendulum/striker to strike the heel in a forward direction approximately perpendicular to the stem and 6mm from the tip of the heel.

The complete clamp is fully adjustable to accommodate any normal heel design. The normal method of testing is to subject the heel stem to successive impacts starting at 0.5 joules and in increments to a maximum of 19 joules.

Standards:

BS-5131-4.8, ISO 19953, SATRA TM20

Product Introduction

Application:

This **Heel Impact Tester** is used to determine the impact strength of heels of ladies' shoes, and the result provides an assessment of the liability to failure under the occasional heavy blows received during wear.

Dimensions

External Dimension:	
650*410*1150mm (L*W*H)	
Package Dimension:	
675*725*1170 mm (L*W*H)	
Gross Weight:	
121KG	
Net Weight:	
101KG	

Feature

Its principle is, a heel, clamped with the tip uppermost and the stem approximately vertical, is subjected repeatedly to measured blows from a pendulum striker, the energy of the blows increasing successively until the heel fails. While the method is applicable to all types of high heels, of whatever construction, it is particularly useful for injection molded plastics heels which incorporate a steel dowel reinforcement, giving information on the suitability of the dowel's hardness or softness.

Key Specifications

Model	RESOTECH SCH-045	
Capacity	0~18.3J	0~19J
Min. Scale	0.86J	0.5J
Striker Head (L×W×T)	(35 ± 2)×25×6mm	(32 ± 1)×25×6mm
Striker Head Corner Radius	R3mm	
Pendulum	∅ 108 , Thickness 49mm	
Pendulum Shaft	∅ 25mm	
Pendulum Moment @ Horizontally	17.3N.m	
Adjustable Range of Base Clamp	(H)~25mm,angle 0~45degree	
Dimensions (L×W×H)	65 ×41×115cm	
Weight	101kg	
Standards	BS-5131-4.8, ISO 19953, QB/T 2863,	SATRA TM20

Striker Head	33×25×6mm,simultaneously meet two requirements
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