

Test Method: SATRA TM144

RESOTECH DYNAMIC SHOCK ABSORPTION MODEL NO. RESOTECH SCH-050



This machine is intended to determine the shock absorption properties of a material or assembly. An impact striker of fixed mass, with a domed lower surface, is dropped vertically from a predetermined height onto a test specimen. During impact the maximum deceleration of the striker and indentation of the material are recorded .

Application

A Sport Shoes Shock Absorption Testing Instrument is used to determine shock absorption and relation between fast impact energy and displacement of sports shoe's sole material for formal running race. Sports Shoes Shock Absorption Tester is an ideal equipment for technical supervision institute, sports shoes manufacturer, inspection arbitration institute, science research institute, etc.

Features

- Dynamic Shock Absorption Test machine enables a dynamic test to be carried out on footwear, cushion insoles or construction materials, and provides quantifiable test results.
- This test machine has been developed to conduct the SATRA TM142 test method.
- It was derived from fundamental research and developed to allow for an assessment of the shock absorption properties of footwear.

Specification

Model NO.	RESOTECH SCH-050
Rigid impact	8.5+-0.01kg
Radius of curvature	37.5+-0.5
Diameter	45MM
STANDARD	SATRA TM142
Power Supply	1 ϕ Ac220v 50hz 5a