

WT-6007B footwear sole flex resistance tester



1. Introductions

The shoe outsole flex resistance testing machine is used to test the flex resistance and ability to resist incision growth of rubber, EVA, and other flexible shoe soles after being bent 90 degrees, that is, the flex resistance performance.

2. Relative test methods

SATRA TM161 Bennewart flex test—resistance to cut growth on flexing

GB/T20991 / ISO 20344 personal protective equipment—test methods for footwear

EN ISO 17707 footwear—test methods for outsoles—flex resistance

DIN 53543 Testing of Semi-Rigid Polyurethane (PUR) Integral Cellular Materials; Materials for Soles and Parts of Shoes

3. Specifications

No.	Item	Spec.
1	Test sample quantity	3 outsoles
2	Flex angle	90° ±2°
3	Speed	5-150cpm adjustable
4	Dimension	100x33x50cm
5	Diameter of flex shaft	30mm
6	Weight	118kg
7	Voltage	AC220V,10A