



## ISO 13287, SATRA TM144 Slip Resistance Tester GT-KB48



### **Application:**

**Slip Resistance Tester:** Apply a predetermined load by different mediums like wood, PVC, ceramic tile or specified and set specified friction times and speed, which is to measure the sole friction coefficient, and then judge the slip resistance of shoes.

### **Standards:**

ISO 13287, GB/T 28287, ASTM F2913, SATRA TM 144

### **Dimensions**

<b>External Dimension:</b>
1800*900*1300 mm(L*W*H)
<b>Package Dimension:</b>
1840*930*1350 mm(L*W*H)
<b>Gross Weight:</b>
280KG
<b>Net Weight:</b>
240KG



## Principle

Place specimen on test stand, and glycerin as a lubricant, exert a certain load, and move test bench in horizontal direction compared with sample by lateral traction forces, to measure dynamic friction and calculate kinetic coefficient of friction.

## Key Specifications

Model	GT-KB48
Vertical load cell range	1000N
Horizontal load cell range	1000N
Sliding speed	(0.3±0.03)m/s
Static contact time	0.5s
Test normal force	500±25N, For footwear of European size 40 (UK size 6.5) and above
	400±20N, For footwear of European size below 40 (UK size 6.5)
Wedge angle gauge	7°
Control method	Computer-controlled
Monitor	19-inch
Test floor	Pressed ceramic tile floor, stainless steel plate
Power supply	AC 220V 50/60HZ
Dimensions	180×90×130 cm
Weight	240 kg

Standards	ISO 13287, GB/T 28287, ASTM F2913, SATRA TM 144, ISO 24267
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Standards accessories	2pcs	7°Wedge angle gauge
	2pcs	Shoe last fixture
	2pcs	Prosthetic foot fixture
	1pc	180×90×90mm calibration rubber fixture
	1pc	Stainless steel plate
	1pc	100×70mm steel block
	1pc	Power line
Optional accessories	Optional	SATRA Pressed ceramic tile floor