

WT-6023T computerized footwear slip resistance tester



1. Introductions

The computerized footwear slip resistance tester is suitable for various soles to measure the coefficient of friction between sole and the floors.

2. Referring test methods

BS EN ISO 13287 personal protective equipment- footwear- test method for slip resistance

SATRA TM144 friction (slip resistance) of footwear and floorings

GB/T28287 foot protection- test method for footwear slip resistance

ASTM F2913 standard test method for measuring the Coefficient of Friction for evaluation of slip performance of footwear and test surfaces/flooring using a whole shoe tester

3. Specifications

No.	Item	Spec.
1	Vertical force range	0-1000N
2	Horizontal force range	0-1000N
3	Test speed	50-50mm/s
4	Control box	LCD display, independent control
5	Static touch time	0-5s
6	Shoemaking last	0-30° adjustable
7	Force sensor	Vertical:1KN horizontal: 1KN
9	Normal force	500 ± 25N,400 ± 20N
10	Horizontal slip test speed	0.3 ± 0.03m/s
11	Computer	Built-in industrial computer installed with slip resistance measuring operating system
12	Wedge block	5° and 7° wedge block
13	Compressed air source	Min. 6bar(prepare by client)
14	Motor power	0.55kw
15	Dimension	1010x670x1900mm
16	weight	≈300Kg