

WT-6030A Electrical insulation (high voltage resistance) testing machine for safety shoes



1. Introductions

The safety shoe electrical insulation (high voltage resistance) testing machine is used to test the high voltage insulation performance of samples, such as safety shoes and protective work shoes, by testing the magnitude of the leakage current of the samples or determining whether there is any phenomenon of electrical breakdown.

2. Relative test methods

GB/T 20991/ ISO 20344 personal protective equipment——test methods for footwear

ASTM F2413 standard specification for performance requirements for protective (safety) toe cap footwear

ASTM F2412 standard test methods for foot protection

CSA-Z195 protective footwear

GB/T 12011 general technical requirements for dielectric footwear

GB/T 21148 / ISO 20345 foot protection---safety footwear

3. specifications

No.	Item	Spec.
1	Current leak range	0-10mA adjustable
2	Test voltage	0-20kV adjustable
3	Test time	0-99s adjustable
4	Voltage rise speed	1000V/s
5	Voltage accuracy	Grade 1.5
6	Power supply accuracy	Grade 1
7	Stainless steel balls	4kg
8	Dimension	1150x460x800mm
9	Weight	69kg
10	Voltage	AC220V,10A