

WT-6026 safety shoe impact resistance tester



1. Introductions

The safety shoe impact resistance testing machine is used to test the impact and impact resistance performance of materials such as safety shoes or protective shoes, such as toe caps, bare steel toe caps, plastic toe caps, aluminum steel toe caps, etc.

2. Relative test methods

ANSI Z41 Personal Protection - Protective Footwear
BS EN 344-1 safety, protective and occupational footwear for professional use——part 1: requirements and test methods
BS EN 344-2 safety, protective and occupational footwear for professional use——part 2: additional requirements and test methods
CSA Z195 protective footwear
ISO 20344 personal protective equipment——test methods for footwear
LD 50-94 Protective toe safety shoes (boots)
ASTM F2412 standard test methods for foot protection
EN12568 foot and leg protectors——requirements and test methods for toecaps and penetration resistant inserts
CNS 6863 protective footwears
GB4014 leather safety shoes
GB/T 20991/ ISO 20344 personal protective equipment——test methods for footwear
GB21148 / ISO 20345 personal protective equipment——safety footwear
JIS T8101 safety shoes

3. specifications

No.	Item	Spec.
1	Effective test height	1200mm
2	Impact hammer	(20±0.2)kg for EN,GB and (22±0.2)kg for CSA,USA
3	Speed meter	Digital display speed
4	Impact mode	Free falling
5	Hammer release mode	Electromagnetic release
6	Prevent secondary impact	Yes
7	Secondary induction switch	Photoelectric induction, precise and sensitive
8	Dimension	690x650x1880mm
9	Weight	118kg
10	Voltage	AC220V