

WT-6078 whole shoe thermal insulation testing machine



1. Introductions

The shoe thermal insulation testing machine tests whether finished shoes have cold resistance, cold insulation, and thermal insulation performance under low temperature conditions.

2. Relative test methods

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

GB/T 21284 / ISO 20877 footwear---test method for whole shoe---thermal insulation

3. specifications

No.	Item	Spec.
1	Stainless steel ball	Dia.5mm, total 4kg
2	Test copper plate	(350±5)x(150±1)x(5±0.1)mm
3	Accuracy of temperature meter	±0.5℃
4	Low temperature	-30℃
5	Temperature rise speed	3-5℃/min
6	Temperature rise time	About 30min from +25℃ to +85℃
7	Temperature decrease speed	0.7-1℃/min
8	Temperature decrease time	About 45min from +25℃ to -30℃
9	Temperature fluctuate	≤±0.5℃
10	Temperature uniformity	≤0.2℃
11	Hinge material	Imported SUS304 hinge
12	Inside energy save lamp	LED lamp
13	Inside size	500x600x500mm
14	Dimension	1350x2000x1150mm
15	Voltage	AC220V