Low Temperature ROSS Whole Sole Flexing Tester GT-KB05E

Product Introduction

Application:

This Footwear Testing Machine to determine right angle flexing resistance at low temperature for whole sole of rubber, PU, PVC, TPR foam and other materials. And inspect its degree of damage, cracking and reduced decline by continuously stretch and bending.

Standards:

ASTM D1052, SATRA TM60, BS5131:2.1, GB 20265 section 4.2, ISO 5423, ISO4643, HG/T2411

Feature

1. Materials of outer chamber: 2mm Double-sided color coated steel with power coated surface.
2. Materials of inner chamber: using SUS304 stainless steel, seamless welded. Beside, the outer structure of the inner chamber is reinforced with 10mm steel plates to meet the structural strength requirements of the bending test.
3. Low Temperature ROSS Whole Sole Flexing Tester With vacuum glass observation window, more effective to observe the testing situation.
4. Temperature control: adopt 7inch color touch screen with Chinese and English version, easy to operate.
5. ROSS Whole Sole Flexing Tester Equipped with 2 sets of mechanical compressor, two-stage compression refrigeration cycle can quick cooling up to specified inner temperature in the case of various fixture groups.
6. The flexing system has separate controller with function of power off memory and automatical stop when test done.
7. All the testing fixtures are made of SUS304 stainless steel or aluminum, have a good corrosion resistance and anti-rust property.

ROSS Whole Sole Flexing Tester Key Specifications

Model		GT-KB05E
ROSS Flexing Parameters	Fixture	3sets
	Bending Angle	90±2°
	Bending Speed	0~110 cpm (Can be adjustable.)
	Winding Shaft Radius	5±0.3mm
	Specimen Dimension	Whole sole
	Counter	LCD, 0~99,999,999
Control System		Touch Screen Programmable Microprocessor Control
Temperature Range		-40~100℃
Temperature Accuracy		+/-0.5℃
Inside Chamber Capacity		150L
Chamber Material		SUS # 304 Stainless Steel and Painted
Power Supply		1∮AC220V 50/60HZ
Dimension (W×D×H)		110X170X180 cm
Weight		About 400 kg

Accessories:

Standard accessories	1pc	Chisel cutter (2mm)
Optional accessories	1pc	Chisel cutter (2.5mm) for ASTM D1052