



Low Temperature Bally & ROSS Resistance Flexing Tester GT-KB05C

Product Introduction

Application:

Low Temperature Bally & ROSS Resistance Flexing Tester to determine the resistance of a material to cracking or other types of failure at flexing creases. The method is applicable to all flexible materials and in particular leathers, coated fabrics and textiles used in footwear uppers.

Feature

- Materials of outer chamber: 2mm Double-sided color coated steel with power coated surface.
- 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.
- With vacuum glass observation window, more effective to observe the testing situation.
- Temperature control: adopt 7inch color touch screen with Chinese and English version, easy to operate.
- Low Temperature Bally & ROSS Resistance 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.
- The flexing system has separate controller with function of power off memory and automatical stop when test done.
- All the testing fixtures are made of SUS304 stainless steel or aluminum, have a good corrosion resistance and anti-rust property.

Key Specification

Model		GT-KB05C	
Flexing Parameters	Types of Test Grips	ROSS flexing	Bally flexing
	Number of Position	5Sets	10Sets
	Flexing Speed	60cpm	100cpm
	Bending Angle	90°	22.5°
	Counter	Touch Screen, 0 - 999,999.(Adjustment)	
Control System		Touch Screen Programmable Microprocessor Control	
Temperature Range		-40~100°C	
Inside Chamber Capacity		150L	
Chamber Material		SUS # 304 Stainless Steel and Painted	
Power Supply		1φAC220V 50/60HZ	
Weight		About 420kg	

Standards:

For <u>Bally Flexing Resistance Test</u>	
SATRA TM 55; IULTCS/IUP 20-1; ISO 17694 ; EN 13512 ; EN344-1 section 5.13.1.3 and annex C; EN ISO 20344 section 6.6.2.8; GB/T20991 section 6.6.2.8; AS/NZS 2210.2 section 6.6.2.8; JIS-K6545; BS 3144 Clause 13	Equipped with A type of upper grips.
ISO 32100 ; DIN53351; ISO5402-1; GE-24;ASTM D 6182	Equipped with B type of upper grips.
For <u>ROSS Flexing Test</u>	
ASTM D1052, SATRA TM60, BS5131 : 2.1,GB	

20265, ISO 5423, HG/T2411, ISO4643

Accessories:

Standards Accessories	1pc	Chisel cutter (2mm)
	1pc	Chisel cutter (2.5mm) for ASTM D1052
Optional Accessories	Optional	GT-KD20 <u>Pneumatic Sample Cutting Machine</u> (Cutter: $70 \pm 5 \times 45 \pm 5$ mm)

