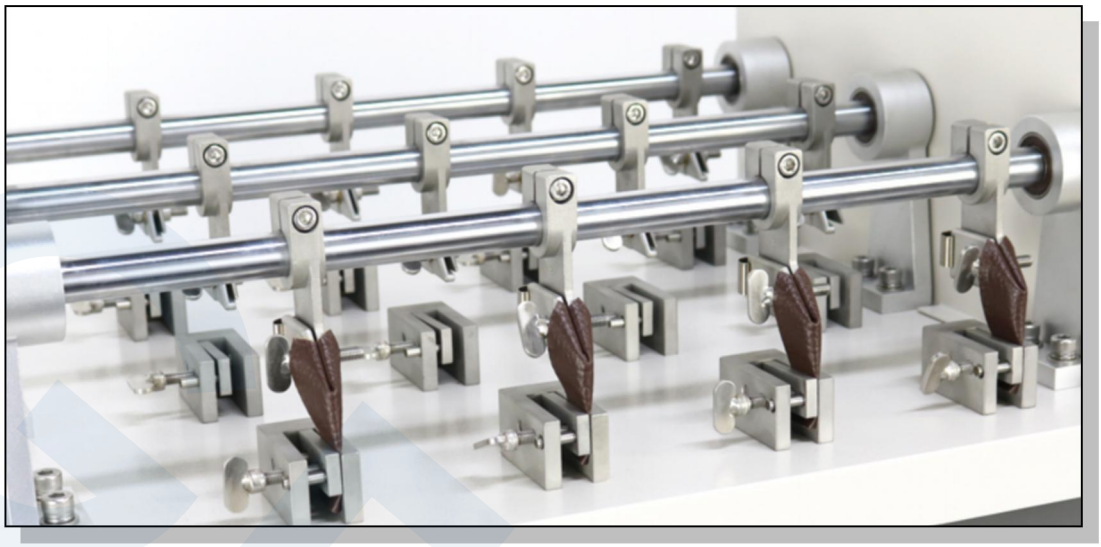
GESTER
TOTAL TESTING SOLUTION

Bally Resistance Flexing Tester | GT-KC10A

Product Presentation



Application

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

The test specimen is folded in half then one end is secured in a clamp. The test specimen is then turned inside out and the free end secured in a second clamp at 90 degrees to the first. The first clamp is repeatedly oscillated through a fixed angle at a defined rate causing the test specimen to flex. At set intervals the number of flexing cycles is recorded and the damage to the test specimen is visually assessed. The test can be carried out with wet or dry test specimens at ambient.

Fixture Group

Upper fixture and lower fixture.

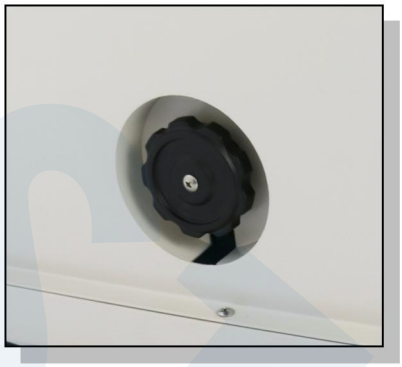
Clamping the Sample

Fixed the end of sample on the upper fixture and fixed the other end on the lower fixture at a angle of 90°.

Bending Angle Index

Indicates the bending angle of upper clamp Also can be adjusted the upper angle.

Adjustable Handle Wheel



Adjust the upper clamp bending angle to 0°. When the pointer back to 0°, the upper clamp will be horizontality, and at the 90°relative position with the lower clamp

Control Panel

LCD display
To set the parameter

Front View

Front view of Bally Resistance Flexing Tester

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Product Parameter

Key Specification

Model	GT-KC10A-1	GT-KC10A-2
Test position	12	24
Flexing angle	22.5° ± 0.5°	
Flexing speed	100 ± 5 cycles / flexes per minute	
Counter	LCD 0 - 999,999.(adjustable)	
Sample size	70 ± 5 x 45 ± 5 mm	
Power supply	1 ∮ AC 220V 50/60HZ	
Dimensions (L x W x H)	780x450x360mm	1100x510x220mm
Weight	60kg	70kg

Standards

SATRA TM 55
IULTCS/IUP 20-1
ISO5402-1; 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
GE-24; JIS-K6545, ASTM D 6182

Accessories

Standards Accessories	Power line	1pc
Optional Accessories	GT-C48 Pneumatic Sample Press	(Cutter: 70 ± 5 x 45 ± 5 mm)

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