



UF-2009 Bally Resistance Flexing Tester



Application:

6 Positions Bally 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.

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

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.

Key Specification:

Model	GT-KC10A-6
Test position	6Sets
Flexing angle	$22.5^{\circ} \pm 0.5^{\circ}$
Flexing speed	100 ± 5 cycles / flexes per minute
Counter	LCD 0 - 999,999.(adjustable)
Sample size	$70 \pm 5 \times 45 \pm 5$ mm
Power supply	AC 220V 50/60HZ
Dimensions (L x W x H)	790*430*490mm
Weight	59kg