Martindale Abrasion Tester GT-KC13B

Product Introduction

Application:
The Martindale Abrasion Tester is used to determine the abrasion resistance of all kinds of footwear vamp material. Samples are rubbed against known abrasion at low pressures and in continuously changing directions and the amount of abrasion. The unique design allows removal of individual sample holders for examination without lifting the top motion plate.

Standards:
ISO 20344 section 6.12, ISO 5470-2, ISO 12947

AS/NZS 2210.2 section 6.12
GB/T 20991 section 6.12
EN 344-1 section 5.14, EN 13520
BS 3424.24,
ASTM D4966,
SATRA TM31
EN 388 Section 6.1

Dimensions

External Dimension:
≈620*600*450 mm(L*W*H)
Package Dimension:
≈770*750*600 mm(L*W*H)
Gross Weight:
≈100KG
Net Weight:
≈80KG



Key Specifications

Model	GT-KC13B-4	GT-KC13B-6	GT-KC13B-8	GT-KC13B-9
Working station	4	6	8	9
Control mode	Touch screen control			
Abradant table	≥ ¢ 125mm			
Lissajous figure	60±1 mm x 60±1 mm			
Test Pressure	A) Specimen holder: (198 ±2)g B) Larger loading piece: (597±5)g C) The sum mass: (795±7)g, for workwear, upholstery, bed linen and fabrics for technical use (nominal pressure of 12kpa)			
	A) Specimen holder: (198 ±2)g B) Smaller loading piece: (397±5)g C) The sum mass: (595±7)g, for apparel and household textiles, excluding upholstery and bed linen (nominal pressure of 9kpa)			
Exposed area of specimen holder	645 ± 5 mm2			
Rotational Speed	47.5 ± 2.5 r/min			
Pressing Weight	Mass : (2.5 ± 0.5) kg			
	Diameter: Φ(120 ± 10) mm			
Dimensions (L x W x H)	74×70×37cm	74×70×37cm	88×78*37cm	88×78*37cm
Weight	About 130kg	About 150kg	About 160kg	About 170kg

Accessories:

Standard accessories	1set	Abrasion Weight and Holder
	2pcs for each head	Standard Abradents Fabric Φ165mm
	Box of 60pcs	Standard Backing Foam Φ44mm
	2pcs for each head	Standard Woven Felt Discs Φ165mm
	1pc	Pressing Weight
	1pc	Cutting die Φ165mm

		(Making standard abradents fabric and woven felt.)
	1pc	Cutting die Φ44mm (Making samples and standard backing foam.)
	1pc	Power Line
Optional accessories	Optional	R1mm Holder Insert
	Optional	Standard Abrasion Fabric Φ165mm
	Optional	Standard Backing Foam Φ44mm
	Optional	Standard Felt Discs Φ165mm
	Optional	P400 Abrasion Paper
	Optional	GT-C48 Pneumatic Sample Press
	Optional	Gray Scale for color change
	Optional	Gray Scale for staining