

De Mattia Flexing Tester GT-C40

Product Introduction

Application:

De Mattia Flexing Tester is suitable to determine resistance to damage by flexing for rubber or plastics coated fabrics.

Standards:

ISO 7854-Method A, BS 3424:Part9 Method A, GB/T 12586 Method A

Dimensions

External Dimensions:	
40x36x55cm(LxWxH)	
Package Dimensions:	
55x51x70cm(LxWxH)	
Gross Weight:	
45kg	
Net Weight:	
Approx. 30kg	

Principle

A rectangular strip of coated fabric is folded twice so that its long edges meet forming a strip measuring 125mm*12.5mm. This folded strip is mounted between a pair of flat grips, one of which reciprocates, causing the folded test piece to be sent outwards five times per second. This high-speed folding of the test piece is continued for either a pre-set number of cycles or until damage to the test piece is apparent.

Key Specifications

Model	GT-C40
Grips	6 Pairs
Rotating Speed	5.0Hz±0.2Hz (300±12r/min)
Grips Width	outer diameter of 22mm
Test Track	Vertical linear motion
Test Stroke	57mm±0.5mm
Grip Space	Max.70mm±1mm, Min.13mm±0.5mm
Dimension of test piece	(37.5±1)mmx125mm
Number of test piece	6 pcs, each 3 pcs in longitudinal in transverse direction
Dimensions (WxDxH)	40x36x55cm
Weight(approx.)	≈30Kg
Power Supply	1 φ AC 220V 50Hz 3A
Standards	ISO 7854-Method A, BS 3424:Part9, GB/T 12586 Method A
Standard accessory	Sampling plate