



Maeser Water Penetration Tester GT-KC05



Application:

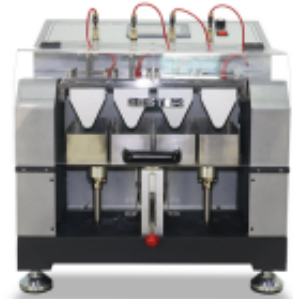
Maeser Water Penetration Tester is used to determine the resistance of leather, artificial leather, fabric and so on material to water penetration on flexing. The method is mainly applicable to footwear upper outer materials but can be used with any flexible sheet material.

Standards:

ISO 5423 section 5.2, EN ISO 20344 Section 6.5.2, AS/NZS 2210.2 Section 6.5.2, GB/T 20991 Section 6.5.2, GB20265 section 4.1, EN ISO 22288, SATRA TM25

Dimensions

External Dimension:
490*450*450 mm(L*W*H)
Package Dimension:
640*600*600 mm(L*W*H)
Gross Weight:
75KG
Net Weight:
55KG



Principle

A square test specimen is folded and secured in two V-shaped clamps which have closed ends so as to form a trough. The trough is then immersed in water and the clamps oscillate at a constant speed so that the specimen is repeatedly flexed. The test is stopped at the first sign of water penetration through the test specimen.

Key Specifications

Model	GT-KC05-1	GT-KC05-2	GT-KC05-3
Position	4		
Control method	Touch-screen control, 0~999,999		
Clamps	V-shaped		
Clamps tip radius	4mm	7.5±0.5mm	
Moving fixture flexing displacement	25.4±1.3 mm	Non required	
Moving fixture flexing angle	Non required	30 ± 1 °	32 ± 1 °
Test speed	90±5 r/min		
Shutdown method	Electrode induction		
Sample size	101.6 x 101.6 mm	114 x 114 mm	
Power supply	1φAC 220V 50/60HZ		
Dimensions(L x W x H)	49x45 x45cm		

Weight	55 kg		
Standards	ASTM D2099	SATRA TM34 Type 1	SATR TM34 Type 2, ISO 5403-2
Standard Accessories	Stainless steel ball 550g		
	Electrode induction line 4pcs		
	Power line 1pcs		
Option Accessories	GT-C48 Pneumatic Sample Press (Cutter: 101.6x101.6 mm and 114 x114 mm)		
	Electronic balance (300g / 0.01g)		