



Hook and Loop Fatigue Tester GT-K19

Product Introduction

Application:

Hook and Loop Fatigue Tester is applicable for repeatedly open and close motion for touch and close fasteners.

Standards:

DIN 3415, BS EN ISO 22776, BS EN ISO 22777

SATRA TM123, GB/T3903.20, GB/T3903.21

Dimensions

External Dimension:	
550*450*650mm (L*W*H)	
Package Dimension:	
700*600*800 mm (L*W*H)	
Gross Weight:	
75KG	
Net Weight:	
55KG	

Principle

Install the hook and annular respectively on two rollers of this device. Stick them together under certain load and to generate repeated opening and closing motion through a certain times of forward and reversal rotating. After that, remove the sample and determine its peeling and shear strength testing on tensile tester.

Key Specifications

Model	GT-K19
Control method	PLC Touch screen controlled
Sample dimension	Length $540\pm 10\text{mm}$, width: 20~50mm
Upper idling drum	Diameter $162.5\pm 0.5\text{mm}$
Under driven drum	Diameter $160\pm 0.5\text{mm}$
Drum width	70mm
Clamp slot	Width 4mm, length $55\pm 2\text{mm}$
Test speed	$60\pm 5\text{r/min}$
Reversal intervals	$30\pm 5\text{ s}$
Test load	$1\pm 0.1\text{N/mm}$
Test times	5000 rpm
Power supply	1 ϕ AC 220V 50/60HZ
Dimensions(L x W x H)	55 cm \times 45 cm \times 65 cm
Weight	55kg
Standards	DIN 3415, BS EN ISO 22776, BS EN ISO 22777 SATRA TM123, GB/T3903.20, GB/T3903.21