

Martindale

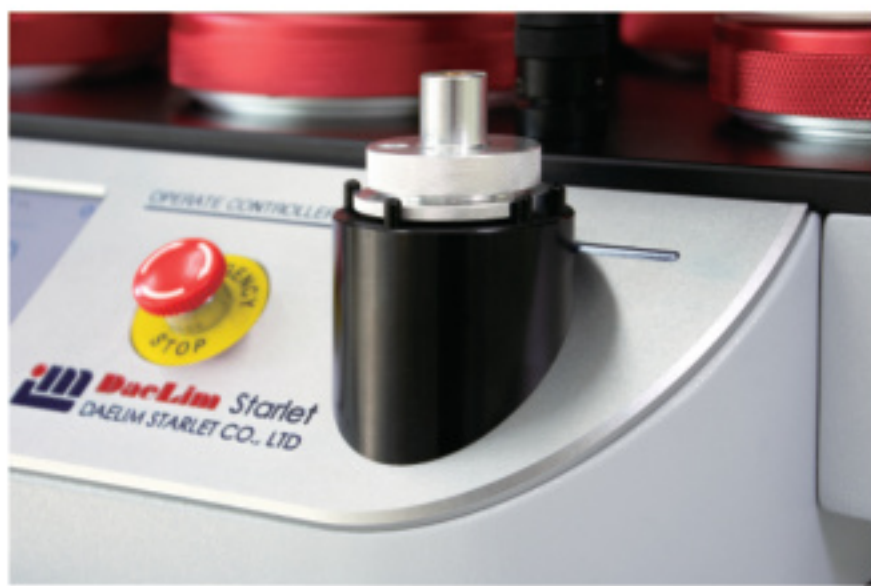
The Fabric Abrasion And Pilling Testing Machine



DL-401H

Purpose and Feature

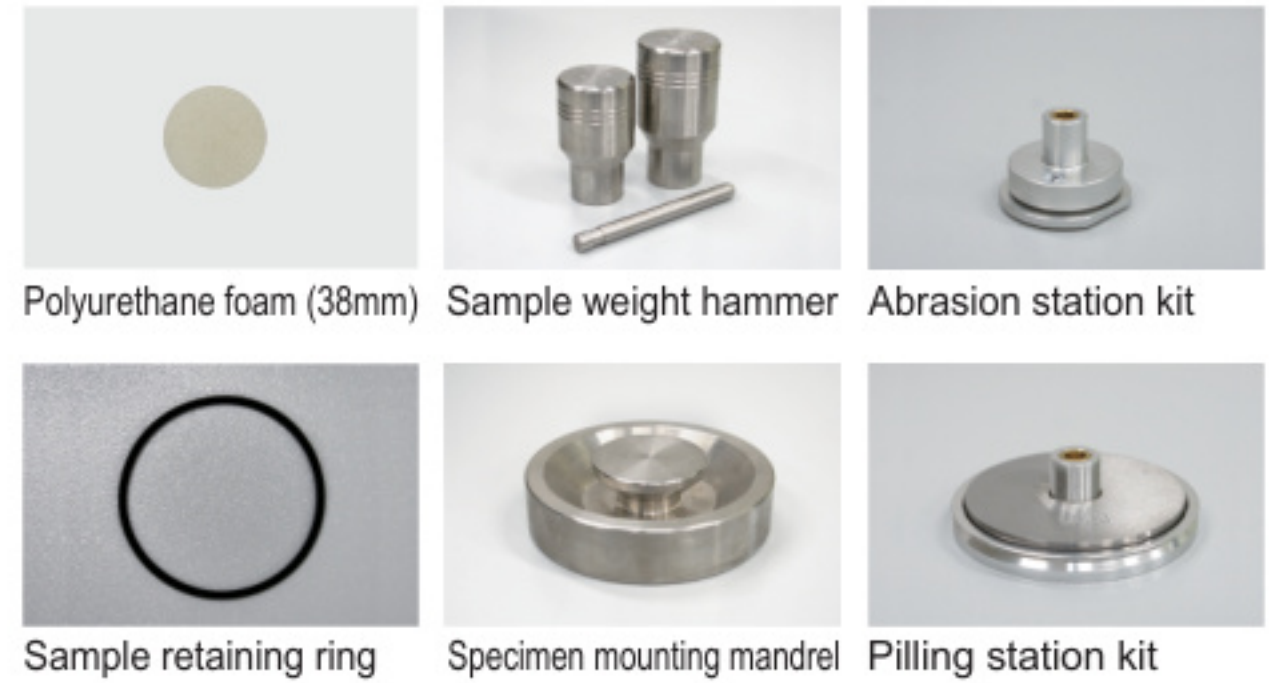
- In particular pressure testing of abrasion resistance of wool, wool mixed fabrics, woven and nonwoven are used for wool performance testing.
- Sample and relative motion of abrasive is in lissa-jous pattern. To avoid overloading the drive motor, inverter is installed to make beginning and end of operation are smooth. Also it can set the speed in 3 level and it can satisfy standards at domestic and abroad.
- It remembers the number of the counter by applying blackout compensatory function, so it can operate until test is done.
- Moving guide plate is light consisting of aluminum alloy plates and surface is sanded and anodized. Motion guide rail has excellent durability consisting of stainless steel.
- Eccentric adjustment is easy to operate by using cylindrical pin pull/out structure and each head has a number marked.
- 2 types, 60x60mm and 24x24mm of lissajous movement trajectory are respectively suitable for wear resistance testing and pilling performance test.
- Standard : ISO 12945-2, ISO 12947-1, ASTM D 4966, ASTM D 4970, ASTM D 3886, JIS L 1096



Sample clamp



Abrasion / Pilling test



Specification

Model	DL-401H	DL-401S
Number of stations	9ea	4ea
Display mode	Color touch panel	
Test counter	1~999999	
Pressure material quality	A. Abrasion resistance test : Wear-resistant clamp sample assembly 198±2g, small pieces 395g, large pieces 595g. B. Pilling performance test : 155±1g of pilling clamp assembly and 260±1g of weighting block.	
Speed	50±2r/min. (23.7r/min., 47.5r/min., 71.2r/min. - User set)	
Grinding table diameter	121mm dia.	
Grinding head diameter	A. Wear resistance test 28.65mm dia. B. Pilling performance test 90mm dia.	
Drive motor	500W	
Power source	220VAC 50/60Hz single phase, 600W	
Weight (Approx.)	100kg (±5kg)	55kg (±5kg)
Dimension (Approx.)	850(W) x 560(D) x 350(H)mm	700(W) x 560(D) x 270(H)mm