



Martindale Abrasion Tester – GenDale

Standards: [ISO 20344](#), [ASTM 4966/4970](#), [ISO 5470-2](#), [BS EN 388/530](#), [BS 3424/5690](#), [DIN 53863/53865](#), [SATRA TM 31](#), [IS 12673](#), [IWSTM 112/196](#), [IWTO TM 40-88](#), [SFS 4328](#), [NEXT 16](#), [ISO 12945-2](#), [ISO 12947-1](#), [ISO 12947-2](#), [ISO 12947-3](#), [ISO 12947-4](#)

 **ULTIMATE USER-FRIENDLINESS**

 **LEADING DEPENDABILITY AND RELIABILITY**

 **STRICT COMPLIANCE WITH INDUSTRY STANDARDS**

 **STOCKED CONSUMABLES AND SPARES**

 **TRUSTED AFTER SALES TECHNICAL SUPPORT**

 **LIFETIME PRODUCT SUPPORT ADVANTAGE**



[GET A QUOTE](#)

Description

GenDale is a certified Martindale Abrasion Testing system which is mainly used to test shoe fabric, shoe lining, and many other types of shoe related materials. The unit can test up to four specimens at the same time for abrasion. The fabric specimen is measured by having rubbing applied on it via a complex direction of back and forth motion. The accuracy of abrasion strength is determined by the specific number of cycles conducted until a hole appears in the test area of the fabric specimen. This unit is the industry leader for Certified Martindale Abrasion Resistance Testing designed to produce accurate, repeatable and user-friendly testing results every time.



Specifications

Model #	GenDale
Certification	CE ISO SGS
Speed	50-2r / min Adjustable
Function	Fabric pilling test and fabric wear resistance test
Driver System	PLC Programmable Control with Large Touch-Screen
Abrasion Test	
Max. stroke of movement:	60.5+/-0.5mm
Weight of holder and spindle:	200+/-1g
Pilling Test	
Max stroke of movement:	24+/-0.5mm
Weight of holder and spindle:	155+/-1g
Dimensions (LxWxH)	34.85"x23.6x16.15" 88.5x60x41 cm
Power	AC220 1ph



Watch Video



Watch the Martindale Abrasion Tester – GenDale product video.

[WATCH ON YOUTUBE](#)



Optional Consumables and Spare Parts

Test Specimen Cutter	(38mm diameter/12cm ²) with cutting mat and spare blades.
Abradent Fabric & Backing Felt Cutter.	(140mm diameter/154cm ²) with cutting mat and spare blades.
Standard Wool Abradent Fabric	SM25. 1.6M wide x 5M length – For abrasion test and pilling test(when utomati)
Standard Backing Foam.	Width 1.5m, Length 0.5m
Standard Backing Wool Felt Piece (woven)	1m x 1.5m
EMPA Photographic Standards for Pilling Test	(3 x 4 knitted)
EMPA Photographic Standards for Pilling Test	(3 x 4 woven)
SM 50 Photographs for Pilling Test	IWS + ASTM
Test Specimen Cutter.	(38mm diameter/12cm ²) with cutting mat and spare blades.



NEXTGEN **MATERIAL TESTING**

YOUR QUALITY TESTING CHOICE



GET A QUOTE

NORTH AMERICA (CORPORATE HEADQUARTERS): 170-422 Richards St., Vancouver, BC, V6B 2Z4 Canada

CALIFORNIA: 3503 Jack Northrop Ave., Suite # AF937, Hawthorne, CA 90250

Toll Free: +1 (888) 332-3582 | Fax: +1 905 247-0555 | www.nextgentest.com