



## Martindale Abrasion Tester - GenDale

### Standards:

IWSTM 112/196, ISO 12947-4, ISO 12947-3, ISO 12947-2, ISO 12947-1, ISO 12945-2, NEXT 16, SFS 4328, IWTO 40-88, IS 12673, SATRA TM31, DIN 53863/53865, BS 3424/5690, BS EN 388/530, ISO 5470-2, ASTM 4966/4970, ISO 20344

### 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.



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### Standard Configuration:

- Martindale Abrasion Tester with 4 Stations
- Standard sample holders
- 9kpa and 12kpa Weights
- Operation Manual
- Certificate of Quality



## Technical Specifications:

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

## Optional Consumables & Spare Parts:

Test Specimen Cutter	(38mm diameter/12cm <sup>2</sup> ) with cutting mat and spare
Abradent Fabric & Backing Felt Cutter.	(140mm diameter/154cm <sup>2</sup> ) 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 <sup>2</sup> ) with cutting mat and spare blades.



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Operation Video:



Lead Time

3-8 Weeks (Subject to review and order acceptance)



\* Request a [formal quotation](#) or send an e-mail to [sales@nextgentest.com](mailto:sales@nextgentest.com) for the most up-to-date pricing and applicable discounts and incentives

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