

AXIS100

Martindale Abrasion Tester



The **AXIS100** Martindale Abrasion Tester is the first of a next generation range of test machines designed and manufactured by SATRA.

The **AXIS100** features a bold new design that capitalises on over 100 years of expertise and experience in textile testing, machine design, and manufacture. Designed with you in mind, this compact machine features an intuitive touchscreen display, ergonomic release mechanisms, and a lubrication-free drive system.

Built for future integration, the **AXIS100** is network-ready for future IoT integration.



SPECIFICATIONS

Machine Dimensions	524 x 560 x 325mm (L x W x H)	Calibration	ISO 17025: 2017 traceable calibration
Weight	34Kg (unloaded)	Standard Warranty	12 months
Electrical Requirements	90-260Vac / 48-62Hz / single phase	Compliance	CE / UKCA marked
Country of Origin	United Kingdom	<i>EMC Directive</i>	2014/30/EC
Lead Time	From 2 weeks	<i>Machinery Directive</i>	2006/42/EC
		<i>RoHS Directive</i>	2002/95/EC
		<i>WEEE Directive</i>	2012/19/EU



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FOR TESTING		
Textile Abrasion	Textile Pilling	Glove Abrasion
SATRA TM31	EN ISO 12945-1	BS EN 388
EN ISO 12947-1	ASTM D4970	
ASTM D4966	JIS L 1076 (J)	
GB/T 21196.1	GB/T 4802.2	
JIS L 1096		

OPTIONAL ACCESSORY PACKS				
Order code	Use	Standard(s)	Contents	Pack size
SS50-0003	Textile pilling	EN ISO 12945-2	Sample holder	x4
		ASTM D4970	Spindles	x4
		JIS 1076 (J)	415g weights	x4
		GB/T 4802.2		
SS50-0004	Glove abrasion	BS EN 388	Clamp ring (thick samples) 5Kg weights	x4 x2

AVAILABLE REFERENCE MATERIALS			
Order code	Standard(s)	Reference materials	Pack size
SR60-0003	SATRA TM31 EN ISO 12947-1	Textile abradant discs 165mm Ø	100 pack
SR60-0004	SATRA TM31	Non-woven felt discs 165mm Ø	100 pack
SR60-0005	EN ISO 12947-1	Woven felt discs 140mm Ø	100 pack
SR60-0006	EN ISO 12947-1 EN ISO 12945-2	Woven felt discs 90mm Ø	100 pack
SR60-0007	SATRA TM31 EN ISO 12947-1	Backing foam sheet	25 pack
SR60-0008	BS EN 388	Abrasive paper sheet	50 pack
SR60-0009	BS EN 388	Double-sided tape 55m x 50mm	single roll

