



Meet the Martindale range

Abrasion and pilling testers, redefined



jamesheal.com/martindale

Martindale Motion

Martindale Motion performs the same standard abrasion and pilling tests as the classic models with enhanced performance allowing labs to operate with greater flexibility and efficiency.

Independently lifting test heads let you run up to three different tests simultaneously. Each head lifts automatically at the end of its test cycle, preserving specimens and enabling extended unattended testing.

Key benefits:

- Reduced operator time and increased throughput
- Flexible testing with multiple test types or cycles at once
- Quick start-up and sample changes via hinged top plate
- Enhanced user safety and quiet operation
- Accurate, automated results and specimen preservation



Scan the QR code to find out more information about the Martindale range:
jamesheal.com/martindale

Martindale Classic

Each of our classic Martindale models offer versatility in design combined with innovative features to make the James Heal Martindale the instrument of choice for textile testing laboratories around the world.

Built with quality, safety, and user experience in mind, James Heal Martindale testers are engineered for precision testing and long-term durability.

Key benefits:

- Available in **2 (Mini)**, **5 (Midi)**, and **9 (Maxi)** station formats
- Durable construction with toughened glass touchscreen
- Fast, secure sample set up using twist-on rings
- Multi-language touchscreen control with TestWise software
- Trusted by leading brands, manufacturers and laboratories



Contact our sales team to find out more information about our products:
jamesheal.com | sales.uk@jamesheal.com | +44 (0)1422 366355

AquAbrasion

AquAbrasion is designed for accurate and repeatable wet abrasion testing to understand the impact of wear, and ultimately the performance of a garment when worn in wet conditions. It simulates the effects on textiles during wear when exposed to rain, seawater or other fluids.

Key benefits:

- Replicates real life wear
- Continuous dosing to keep specimens wet
- Versatile, can be used for wet and dry testing
- Test using a variety of liquids



DurAbrasion

DurAbrasion has a wide range of options to preselect from, to build a bespoke instrument to meet very specific testing needs. Ideal for smaller labs, research and development institutions and for companies who do not have a recognised test method for their product.

Key benefits:

- Customisable solution for surface and abrasion testing, including: wood, laminate, carpet, vinyl, straps, rope, shoe laces and more
- Enhanced user safety
- Quiet operation



Applications

The James Heal Martindale abrasion and pilling testers are used across a wide range of industries, with the adaptability to test a wide range of applications and is the instrument of choice for many of the world's leading laboratories and retailers.

Our instruments and software are designed to be user-friendly with minimal training required, whilst offering versatile testing options and quick set up of regular tests.



TestWise software

TestWise offers simple, touchscreen control with minimal training required. It includes a wide range of pre-set programmes and configurable options for common standards. Available in multiple languages, it's built with toughened glass to handle daily use in demanding lab environments.



Martindale test materials and accessories

James Heal supplies original **Martindale consumables** – pre-cut, quality-checked, and standards-compliant. We manufacture calibrated sample cutters and supply:

- SM25 abrasive cloth
- Polyurethane foam
- Klingspor and abrasants
- Woven and nonwoven felt

Accessories include: Abrasion/Pilling Station Kits, test heads, spindles, and custom DurAbrasion kits – all designed for easy servicing.



▮▮ I couldn't think of better usability. My experience is that James Heal simply has well thought-out devices with extremely long-lasting quality. I recommend James Heal again and again when the opportunity arises. ▮▮

Laboratory Manager, Germany on the Martindale 9-station

About James Heal

Designed, engineered and manufactured by James Heal in the UK, reliability and longevity come as standard. Over 80 years in the making, James Heal has been working on the development of the Martindale since the original 1940's first invention with Dr Martindale and WIRA, continuously innovating to provide an unmatched market-leading proposition.

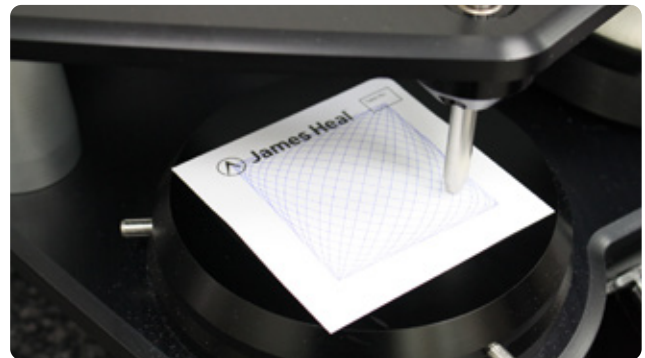
Global team

James Heal has offices in the UK, Germany, France and USA combined with a global network of sales channel partners, all on hand to help and advise with all your testing requirements, wherever you are in the world.



Service and calibration

The James Heal Martindale calibration service offers a comprehensive check into 12 different points on the instrument, ensuring it complies with between the abrading table and sample holder insert.



Precision and expertise-reliable solutions for technical applications

PPT Group unites four industry-leading brands – Alluris, James Heal, Lansmont, and Mecmesin - to provide solutions designed for the people who demand precision – laboratory researchers, quality control professionals, and beyond.



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James Heal reserves the right to alter equipment specifications without prior notice