



Introducing the James Heal performance testing range

Performance wear and technical textiles are fast-growing markets, combining technology and function with comfort and safety. Quality can be assured through testing with James Heal's world-class and innovative performance testing instruments combined with TestWise Touch OS. All our instruments are designed with precision in mind, to maximise consistency, providing accurate repeatable test results, every time.



AirPro

Air permeability tester

Tests the resistance of the flow of air through woven and nonwoven textiles. Air permeability testing is an indicator of the comfort of a fabric, such as thermal loss in windproof garments, or a measure of breathability for face coverings.

Key Features

- Quick change test heads
- Large illuminated test base
- Accommodates variety of different materials and finished garments



HydroView

Hydrostatic head tester

Determines the resistance of fabrics to penetration of water, across pressures from 0 – 10,000 mbar. Includes manual droplet data-capture, combined with 'pinch & zoom' hi-res camera analysis.

Key Features

- Accommodates multi-layered fabrics and sheet substrates
- Integrated waste water drawer, no additional plumbing required
- 10" capacitive touch screen with TestWise Touch OS



WickView

Moisture management tester

An advanced imaging system to track moisture through a garment, giving understanding of its effectiveness at moisture management and wicking behaviour.

Key Features

- Vertical and horizontal testing
- Water delivery replicates perspiration
- Innovative camera technology
- In depth, live capture reporting



ProDry

Dry rate tester

Quick-drying is an important attribute of textiles worn next to the skin. ProDry replicates the conditions to verify that quick-drying fabrics are performing effectively.

Key Features

- Consistent laminar airflow
- Adjustable temperature sensor
- Option to increase data points



TruRain

Water repellency tester

TruRain is the definitive Bundesmann Tester, an artificial rain shower testing instrument for determining the water repellency of textiles.

Key Features

- Automated shower guard
- Reduced water and energy consumption
- Easy to use and maintain



AquAbrasion

Wet abrasion tester

Based on the traditional Martindale instrument, the AquAbrasion gives an accurate way of conducting wet abrasion testing using various fluids, which we have proven to be a crucial step in establishing the durability of outdoor wear.

Key Features

- Controlled method of dosing
- Suitable for wet and dry testing
- Unique ergonomic design



We've got it covered with James Heal's end-to-end extraordinary testing solutions.

Test Materials

A wide range of James Heal test materials and consumables are available for these instruments, such as Martindale and burst strength test materials.



Global support

With world-class servicing and calibration, James Heal's highly trained and experienced team of engineers are uniquely qualified to provide instrument support.



**PHYSICAL
PROPERTIES
TESTERS
GROUP**

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