



Advanced Test Equipment Corp.  
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# Martindale

Abrasion and Pilling Testers

# A Versatile Instrument for Abrasion and Pilling

Purposefully designed to be the most intuitive option on the market, SDL Atlas Martindales are versatile instruments that deliver the exact abrasion or pilling movement required by all international and retailer standards. The instrument's sleek, functional design enhances the ease of use and reliability of results. Multiple speeds can be input to create custom tests as necessary.

The 6, 8 and 9-position instruments are designed to conserve valuable bench space while providing maximum testing capacity.

For smaller testing requirements, the Martindale is also available in a 4-position base model.



Enhanced sample holders allow for quicker sample loading and quick-lock couplers facilitate easy access for service and calibration.

## Designed for Adaptability

The SDL Atlas Martindale line can perform a wide variety of abrasion and pilling tests. The user-friendly design allows operators to easily change over testing station configurations with specialized enhancement kits.

The Martindale can be used for Fabric Abrasion, Fabric Pilling, Sock Abrasion, Leather Abrasion, Edge Abrasion, Testing Floor Coverings, Toothbrush Testings and Other Specialized Testings including Custom Configurations.



**Fabric Abrasion:** flat woven, knitted and nonwoven fabric



**Fabric Pilling:** woven and knitted fabric



**Sock Abrasion:** knitted socks, tights and hosiery



**Leather Abrasion:** leather surfaces and upholstery including auto interiors



**Edge Abrasion:** shirt collars, cuffs, backpack straps and related items



# Features

- A full color touch screen controller, with the most common functions accessible in one or two touches, makes this the easiest Martindale in the market to use
- Interface is Multi-lingual interface with display options in English, Chinese, Spanish and Turkish
- Test materials ordering information accessible directly on the instrument display
- Individual station counters make intermediate sample checks simple to perform and indicate predicted end of test time



- Notification flash of the relevant station's lighting along with a notification beep indicates the end of a test
- Accessory Holder available separately to conveniently hold Martindale accessories while not in use



Included: One per position - sample holder, 9 kPa and 12 kPa weights for standard abrasion tests, and standard mounting device.



- Lightweight motion plate coupled with a strong and solid base increases instrument stability
- Side Mounted Sample Holder Storage Rack available as an option for the 6, 8 and 9 head models



# Standards

|                   |                   |                   |                     |
|-------------------|-------------------|-------------------|---------------------|
| ADIDAS TM 4.30    | ASTM D4966        | ASTM D4970        | BS EN 388           |
| BS EN ISO 12945-2 | BS EN ISO 12947-1 | BS EN ISO 12947-2 | GB/T 4802.2         |
| GB/T 13775        | GB/T 21196-1      | GB/T 21196-2      | JIS L 1096 Method E |
| M&S P19 & 19C     | M&S P140          | NEXT 18 A & 18B   | NEXT 26             |

For a complete list of Martindale Standards, visit [www.sdlatlas.com](http://www.sdlatlas.com)

## Test Materials

Test Materials are a critical part of many textile tests. SDL Atlas produces and distributes a complete line of test materials designed specifically for testing on the Martindale Abrasion and Pilling Tester including abradant, foam, felt, and evaluation standard photos.

These high quality test materials will ensure that each test is performed accurately and reliably as specified in the standards. Each batch is thoroughly tested to ensure conformity and consistency from batch to batch.



## Calibration & Service

SDL Atlas Calibration and Service Technicians can help you protect these investments now and in the future through proper calibration and maintenance schedules. This cross-discipline team includes textile technologists, hardware and software engineers, mechanical and instrumentation engineers, test and calibration experts and installation and maintenance technicians.

SDL Atlas calibration certificates are accepted by accreditors and SDL Atlas Service Technicians are certified to conduct calibrations of other manufacturers' instruments. SDL Atlas is a UKAS accredited calibration laboratory No. 0688. With fully trained technicians located in Europe, Asia, and North America, we are prepared to support our customers in maintaining their investment and their confidence in their testing instruments.

- UKAS calibration
- ISO calibration
- Service support
- Factory trained representatives
- SDL Atlas service technicians



Providing confidence in standard based testing  
through expertise and global partnering



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