

MINI-MARTINDALE® UNIVERSAL ABRASION & PILLING TESTER 401...

How to Order

401	MINI-MARTINDALE® Instrument with one test station <i>Individual station kits for abrasion, pilling or socks must be ordered separately</i>
ACCESSORIES – ABRASION AND M & S/IWS PILLING – EN ISO 12947-1	
794-508	ABRASION STATION KIT Comprising: 1 x Sample Holder 1 x 9 kPa Weight 1 x 12 kPa Weight Recommended order quantity : 1
902-222	CIRCULAR CUTTER For the rapid and accurate preparation of 38mm diameter test specimens and foam for the abrasion test
766-200	HEAL'S GREY SCALE For assessing change in colour of test specimens
788-761	LISSAJOUS FIGURE MARKER PEN For checking the Lissajous Figure according to EN ISO 12947-1
CONSUMABLES – ABRASION	
701-202	Pack (5 m) Abrasive Cloth
701-203	Pack (50 m) Abrasive Cloth
714-602	Pack (20) Non-Woven Felt Pads (140mm diameter)
714-612	Pack (20) Woven Felt Pads (140mm diameter) – EN ISO 12947-1
786-255	Pack (50 sheets) Polyetherurethane Foam
ACCESSORIES – PILLING – MODIFIED MARTINDALE METHOD – EN ISO 12945-2	
794-509	PILLING STATION KIT Comprising: 1 x Sample Holder 1 x Sample Retaining Ring 1 x Ring Weight Recommended order quantity : 1
525-256	SPECIMEN MOUNTING MANDREL This is an essential accessory for mounting specimens for the pilling test
766-451	FULL SET EMPA PHOTOGRAPHIC STANDARDS The complete set consists of 3 x 4 mounted photographs for woven fabrics and 3 x 4 for knitted fabrics
CONSUMABLES – PILLING	
714-602	Pack (20) Non-Woven Felt Pads (140 mm diameter)
714-612	Pack (20) Woven Felt Pads (140 mm diameter) – EN ISO 12945-2
714-601	Pack (20) Non-Woven Felt Pads (90 mm diameter)
714-611	Pack (20) Woven Felt Pads (90 mm diameter) – EN ISO 12945-2
356-301	Pack (10) Sample Retaining Rings
ACCESSORIES – SOCK TESTING	
794-505	SOCK ABRASION STATION KIT Comprising: 1 x Sock Sample Holder 1 x Pinned Ring 1 x Precision Ball Recommended order quantity : 1
525-311	Block Spanner Adaptor (one per instrument required)
525-242	12 kPa Weight (one per Sock Abrasion Station Kit required)
CONSUMABLES – SOCK TESTING	
393-254	Pack (2) Spare Precision Ball
701-202	Pack (5 m) Abrasive Cloth
714-612	Pack (20) Woven Felt Pads (140 mm diameter)
ACCESSORY – ABRASION & PILLING	
902-221	CIRCULAR CUTTER For the rapid and accurate preparation of pieces of abrasive cloth for the abrasion test and upper and lower specimens for the pilling test

We reserve the right to alter the specification or modify the appearance without notice.



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Mini-Martindale®

UNIVERSAL ABRASION & PILLING TESTER 401



»»» Mini-Martindale®

UNIVERSAL ABRASION & PILLING TESTER 40 I

The **Mini-Martindale**® is the latest, revolutionary addition to a well-established family of *four-station* and *six-station* Nu-Martindale instruments.

HEALS were the first to manufacture a larger capacity, *six-station* instrument and now introduce a unique, *single-station* machine.



The **Mini-** is an *affordable* machine, which will suit occasional users and those, who need a Martindale for development work or production control.

The **Mini-Martindale**® is much more than a scaled-down version of a four- or six-station machine. It's a machine in its own right, incorporating several, *innovative* design features.

The **Mini-** has a powerful drive system to overcome the high levels of friction, which are generated, when rubbing, for example, rubber gloves against glass paper. The drive makes the machine suitable for a variety of similar applications.

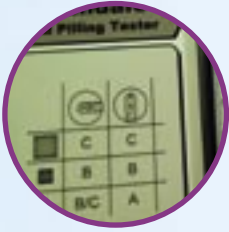
As well as being manufactured from corrosion-resistant materials, the new **Mini-** can withstand the ingress of water, so that it can be used safely for wet testing.

Additionally, this superbly versatile new machine can operate at higher speeds. For textiles, this feature creates very interesting possibilities for *accelerating* what has been until now a very slow test and, for non-textiles, it permits new applications and methods to be easily devised.

With provision for accommodating thicker specimens, and with facilities for operating at higher speeds, and with increased loading, the **Mini-Martindale**® is a genuine, *multi-purpose* machine.

If you would like to use the machine for a new application, we invite you to submit samples to us for evaluation. Factory modifications are available to suit most types of materials and abrasants.

The **Mini-** is another *world-class* HEALS product, fully supported by HEALINK – our *world-leading* Maintenance and Calibration Service – covering installation, operator training, regular maintenance, UKAS-accredited calibration and on-line technical and applications support. Please ask for more details.



OVERALL FEATURES

- > entry level, *lower cost* instrument
- > compact desktop footprint
- > multi-lingual user interface
- > audible alarm to signal end of test
- > abrasion, pilling and straight line motions
- > uses same accessories as Nu-Martindale
- > complies with textile standards/methods
- > UKAS calibration by HEALINK

SPECIAL-PURPOSE FEATURES

- > higher speeds for *accelerated* testing
- > suitable for wet testing
- > ideal for tests generating high levels of friction
- > sample thickness *up to* 20mm
- > additional loading *up to* 1.4kg

