

UWT Universal Wear Tester



Acrylic Transparent Window



Multilingual Touch Screen

Features

- Combines Stoll Flex and Stoll Abrasion tests in a single instrument
- Automatic test mode allows for reliable, repeatable testing
- Precise motor control ensures 120 double strokes per minute of 25.4 mm stroke length
- The screen displays the number of double strokes or the time required for current test
- Advanced air control system is controlled by servo-valve and monitored via dedicated pressure sensor, ensuring uniform diaphragm inflation and maintain required test pressure.
- Inflated pressure is settable by user
- Supplied with two inflatable diaphragms - one with electrical contact and one without
- Fully opened jaw allows quick sample loading and centering, snap on and clamping mechanism eases the operation fatigue for repeated operation.

The SDL Atlas UWT Universal Wear Tester is used to test wear and abrasion resistance of fabrics for apparel, shoes, upholstery, automotive, and many other areas. The instrument comes standard with a surface abrasion head (for the inflated diaphragm method) and a Flex abrasion head as well as necessary weights and blades. Accessories are available on request for conducting frosting, pilling and edge abrasion tests.

Refreshed Design • Smart Experience

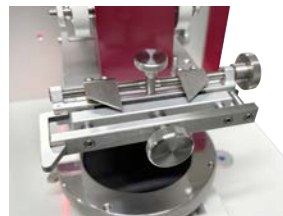
The lightweight, streamlined body has an acrylic transparent window, allowing real-time visualization of system's operating status, deeply integrating industrial aesthetics with functional monitoring.

Upgrade mechanical buttons to a multilingual touch screen. The user-friendly interface design greatly improves operational fluidity, allowing quick access to commonly used international standards and custom test programs, flexibly adapting to diverse testing needs.

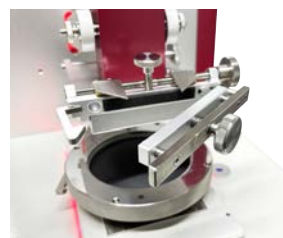
Flashing light to signal that the instrument requires operator attention or the end of a test.

Applications

- Woven and knitted fabrics
- Napped and pile fabrics
- Hosiery
- Felt
- Non-woven and coated fabrics
- Yarns
- Shoe Components
- Leather
- Paper



Jaw Close



Jaw Open



Designed For Versatility

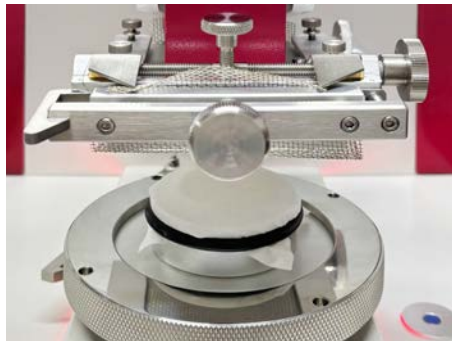
The UWT was designed to run numerous tests and can be set up in many different ways.



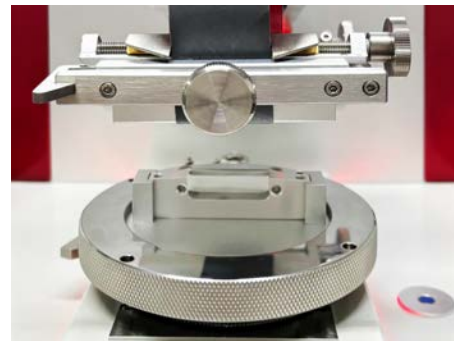
Flex Abrasion Set Up (Included)



Inflated Diaphragm Set Up (Included)



Frosting Attachment and Elastomeric Pad/Abrasion Set Up (Optional)



Edge Abrasion Set Up (Optional)

ACCESSORY

STANDARD	Inflated Diaphragm (Included)	Flex Abrasion (Included)	Elastomeric Pad (Optional)	Frosting (Optional)
AATCC 119			•	•
AATCC 120	•			•
ASTMD3514			•	•
ASTM D3885		•		
ASTMD3886	•			
FED-STD 191A-5300		•		
FED-STD 191A-5302	•			
FED-STD 191A-5303			•	•
FLTM BN 112-01	•			
FLTM BN 112-03	•			
FZ/T 01121	•			
Hyundai/Kia MS 200-20	•			
IST 20.1 (01)	•			
IST 20.2 (01)		•		
WSP 020.1R3 (12)	•			
WSP 020.2R3 (12)		•		

Providing confidence in standard based testing through expertise and global partnering



SDL ATLAS LLC
3934 Airway Drive
Rock Hill, SC 29732-9200, USA
Telephone: +1 803 329 2110
Facsimile: +1 803 329 2133
Website: www.sdlatlas.com

SDL ATLAS LTD.
1B, Building B, JuanXiangDa Mansion,
No. 9 Zhongshan Park Road,
Nanshan, Shenzhen, 518052, China
Telephone: +86 (755) 2671 1168
Facsimile: +86 (755) 2671 1337
Website: www.sdlatlas.com

SDL ATLAS LTD.
3J, Garment Centre, 576 Castle Peak Road,
Kowloon, Hong Kong.
Telephone: (852) 3443 4888
Facsimile: (852) 3443 4999
Website: www.sdlatlas.com