

Webbing Abrasion Tester 5820

TABER[®]
INDUSTRIES
ISO 9001:2000 CERTIFIED

Belt / Webbing Abrasion Testing

Evaluate abrasion resistance of webbing and belting materials.

Textile webbing is often used for safety belts, restraint harnesses, helmet straps, and cargo tie-downs. Over time, adjustment hardware or common use may cause abrasion damage and jeopardize the integrity of the webbing material. The Webbing Abrasion Tester provides a cost effective means to perform abrasion testing. Included weights permit testing of webbing with breaking strengths over 13,500 N to ASTM D6770.

Rubbing action simulates field damage in controlled laboratory setting.

A fixed weight is attached to the end of a test specimen before it is subjected to a unidirectional reciprocal rubbing over a steel hexagonal rod, also known as a hex abrasion bar. After the specified number of test cycles, the percent retention of breaking force is calculated. Comparing results to an unabraded specimen provides a measure of how abrasion resistant the material is.

Based on established test procedures, instrument offers unique features.

A twelve inch hex abrasion bar permits testing of up to three specimens simultaneously. Thumb screws permit quick rotation or change of the hex abrasion bar. A specimen roller ensures an angle of $85^{\circ} \pm 2^{\circ}$ is maintained between the specimen and hex bar. Text fixture assembly is reversible and may be mounted on either right or left side.



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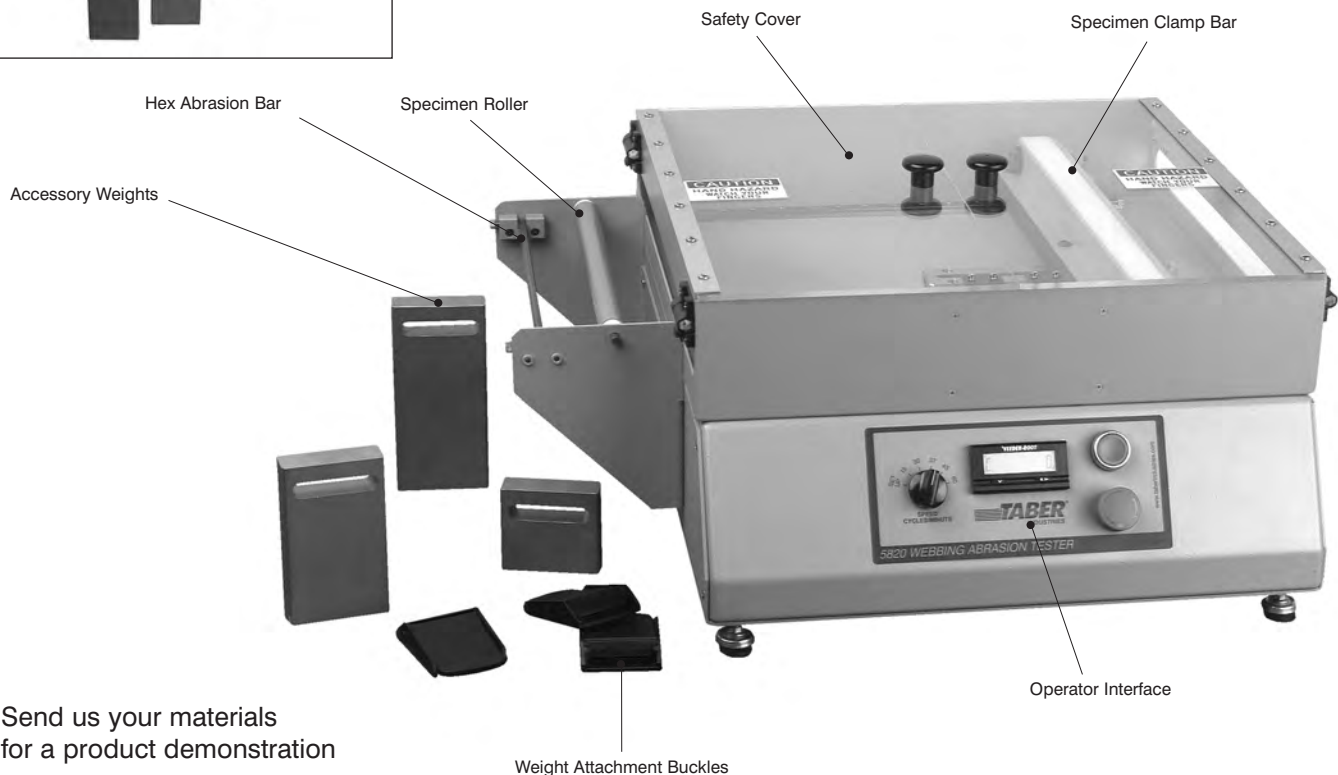
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Standard Features:

Slotted crank arm for adjustable stroke length (0" to 13")
Preset speed selections (15, 30, 37, 45, 60 cycles per minute)
Stroke length scale calibrated in English and Metric units
Hinged, clear view safety cover
Permits testing of up to three specimens simultaneously
Adjustable leveling feet
Optional weight set of 3 and 5 lbs. available
115V/230V operation **CE**

Webbing Abrasion Tester 5820 Includes:

Webbing Abrasion Tester
Hex Abrasion Rods (2 each)
Weight Set (2, 4, 5.2 lbs.)
Weight Attachment Buckles (3 each)
Hex L-Key Tool
Operating Instructions



Send us your materials
for a product demonstration

TABER
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Setting the Industry Standard

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