



限りある資源と美しい自然を大切に

SERIES AB-1500

AKRON ABRASION TESTER

Outline

Akron Abrasion Tester is a widely used abrasion tester. It rotates a disc shaped test piece at a constant speed, to which an abrasion wheel is pressed with a fixed load. The abrasion wheel is set at an angle to the test piece, and abrasion amount will be observed.

The model AB-1511 has a preset counter which will stop testing automatically when a set rotation is reached.

The model AB-1530 can set the test piece speed between 75 and 250rpm.



MODEL AB-1511



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UESHIMA SEISAKUSHO CO., LTD

Feature

- The simple and rigid design assures high repeatability and low noise for a long period of time.
- The optional aluminum core enables testing of samples taken from actual products.
- Two separate brushes remove abrasion powder from test piece and abrasion wheel.
- Brush for test piece can adjust pushing force to the test piece.
- Testing angle can be changed easily.

Specification

MODEL	AB-1511	AB-1530
Applicable Standard	JIS K6264-1-2005 JIS K6264-2-2005 ISO 23794-2003	
Abrasion Wheel	150mm dia., 26mm inner dia., 25mm or 38mm thick	
Abrasive Material	Type A, grain size P36, binding P, organization 7 (A36-P7-V), JIS R6210	
Test Piece Speed	75±5 or 250±5rpm (factory option)	75 to 250rpm (Variable speed) With a speed indicator
Test Piece Angle	0 to 45°	
Testing Load	27.0N or 44.1N (factory option) * Testing load is a load of abrasion wheel applied to the test piece.	
Test Piece Size	63.5mm dia., 12.7mm inner dia., 12.7mm thick	
Rotation Counter	6-digit preset counter	
Power Supply	100VAC 5A	
Outer Dimensions	Approx. W590mm×D580mm×H450mm	Approx. W570mm×D580mm×H450mm Control panel W150mm×D315mm×H250mm
Weight	Approx. 70kg	Approx. 70kg (Control panel included)
Accessories	-One power supply cable -One dead weight (for 27N or 44.1N) -Two pieces of wheel brushes -One set of abrasion wheel replacement tools	-One power supply cable -One dead weight (for 27N or 44.1N) -Two pieces of wheel brushes -One set of abrasion wheel replacement tools -One Control panel
Options	- Aluminum core for rectangular test piece - Mold for test pieces: MD-4204(4 cavities), MD-4209 (9 cavities)	

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<Manufacturer>

Ueshima

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