
RCA Abrasion Tester

Model: SR-205

Summary:

The RCA Abrasion Wear Tester is used to test surfaces for resistance to abrasion and wear. Typically used on painted or plated organic finishes, foil, and inked key pad lettering. This tester is widely used as a standard for many silicone key pad and membrane switch manufacturers. This abrader is used as a standard to the auto, appliance, cell phone, plastics, and coating industries. It uses an inexpensive roll of throw away abrasion paper. All build-up error is eliminated and consistent readings are easily obtained.



Application Standards:

ASTM F2357-04: Standard Test Method for Determining the Abrasion Resistance of Inks and Coatings on Membrane Switches Using the Norman Tool RCA Abrader.

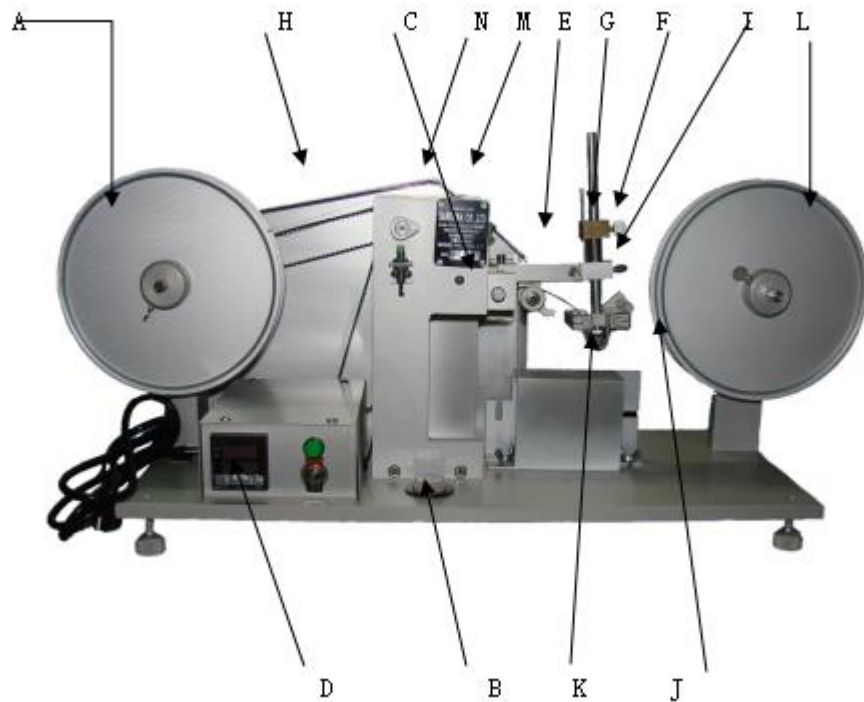
Features:

- Easy set-up and operation
- Automatic shut-off
- Repeatable and consistent results
- 3 load settings, 55g 175g 275g
- Abrasion Debris does not affect test
- Continuously uses inexpensive unused abrasive media

Specifications

<u>RCA Abraion Test Machine</u>	
Surface meter	One
Tools	One group
Test Load	55g, 175g, 275g
Dust Cover	One
Magnifier	One
Pan-use Fixer	One
O-Ring	Three
Paper Tape	One Roll
Counter range	0-999999
Dimensions	80*38*38cm (H*D*W)
Weight	30KG
Power	220V, 5A





A. Compensating Wind Up Reel

B. Level on base plate, used to level machine

C. Sliding Gauge Pin, used in setting indicator 'B' which should be matched with "O" ring when paper rests on test area and sliding pin gauge is withdrawn from under rocker arm "E".

D. Count Controller

E. Rocker Arm

F. Vertical Shaft Fine Adjustment Screw

G. Vertical Shaft, location is adjustable

H. Dust Cover

I. Clamping Screw on rocker arm, used to change angle of vertical shaft if desired to get comparable test readings at extreme elevations.

J. Frame with Nylon Bearings, used to guide paper or tape without making any adjustments.

K. "O" Ring, which must not be used if worn flat or over 6 months old.

L. Drum wheel

M. Pressure Roller

N. Drive Roller

