



# ROTARY ABRASER

## Standard Features :

- \* Constant speed motor 60RPM
- \* Balanced, calibrated arms and wheel mounts
- \* Compact & robust design
- \* 4 digit bright LED display preset auto cutoff counter
- \* RPM indicator
- \* Sturdy Turntable
- \* Vacuum attachment provision
- \* Adjustable height of the abrader setup to accommodate samples of varying Thickness
- \* Operation on 230V, 50Hz, 1 Phase AC.

## Models :

- 1) Single test head
- 2) Dual test heads, allowing to test 2 different or identical materials simultaneously, for comparison.



## Applications

The Rotary Abraser can be used to test virtually any flat specimen. It's field of application includes tests of: any coated surface, Leather, laminates, plastics, polymers, textile fabrics like silk, upholstery, carpeting, paper and cardboard, rubber, glass, solid materials such as metals, stone and ceramics, and many more.

## Description

It consists of a horizontal table with clamping provision to hold a flat sample onto it and then rotate. Driven by the test sample, the wheels produce abrasion marks that form a pattern of crossed arcs over a circular ring. This reveals abrasion resistance at all angles relative to the wear or grain of the material.

### STANDARDS complied\* to

IS :2046  
ASTM C217; C241; C501; C1353;  
D1044; D3389; D3884; D4060; D4158; D5342;  
D5650; F362; F510; F1478  
DIN 52347; 53109; 53754; 53799; 68861 T2  
EN 438-2, 13523-16  
FEDERAL TT-C-542; TT-E-487A; TT-P-85C; TT-P-87B;  
TT-P-91B; TT-P-95A; TT-P-141B  
FTMS CCC-T-191 (Methods 5306 & 5309); GG-P-455B  
ISO 5470; 9352  
ISO/DIS 3537; 4586-2; 7784-2  
JIS A1453; K7204; L-P-406(Method 1091); P8125  
MILITARY MIL-A-8625; MIL-C-13495A; MIL-I-43553A;  
MIL-M-13231C; MIL-P-18493; MIL-T-28800C  
NF B51-282  
SAE J365; J948; J1530  
SIS 923509

\*With slight or no modification.

### Optional Accessories

Variable speed motor  
1000gm Weights  
Calibration Certificate  
Abrasive wheels  
Molded rubber ring as per IS  
Abrasive wheel / Strip  
Vacuum system

### Standard Accessories

500 gm Weight  
Counter balancing Weight  
Allen key



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