

# Taber® Rotary Abraser 5135/5155



## Wear and Abrasion Testing

### Taber abrading wheels produce characteristic rub wear action.

Mounted to a rotating turntable, specimens are subjected to the rub-wear action of two abrasive wheels. Driven by the test sample, the wheels produce abrasion marks that form a pattern of crossed arcs over a circular ring approximately 30 square centimeters. This reveals abrasion resistance at all angles relative to the weave or grain of the material.

### Referenced in numerous international test standards and specifications.

Simple to operate, this instrument has been accepted worldwide as a standard for wear and abrasion research, quality and process control, materials evaluation, and product development. Taber Rotary Abrasers are capable of providing reliable data in a matter of minutes, compared to the years that may be required with in-use testing.

### Test a wide range of products.

The Taber Abraser can be used to test virtually any flat specimen. Its field of application has included tests of: painted, lacquered, powder coated, and electroplated surfaces; textile fabrics ranging from sheer silks to heavy upholstery and carpeting; and solid materials such as metals, stone and ceramics. Other materials include paper, glass, plastics, leather, rubber, linoleum, laminates, plus many others.



Model 5155 Shown

# Taber<sup>®</sup> Rotary Abraser 5135/5155

Wear and Abrasion Testing

#### Available in Two Versions:

Model 5135 Single Platform Abraser  
Model 5155 Dual Platform Abraser  
115/230V, 60/50Hz

#### Standard Features:

Platform speeds 60 and 72 rpm  
Quick Release Wheel Hub  
Balanced, calibrated arms and wheel mounts  
Vacuum system with precision height adjustment  
Rugged aluminum housing  
Membrane control panel with digital display  
Precision stainless steel weights

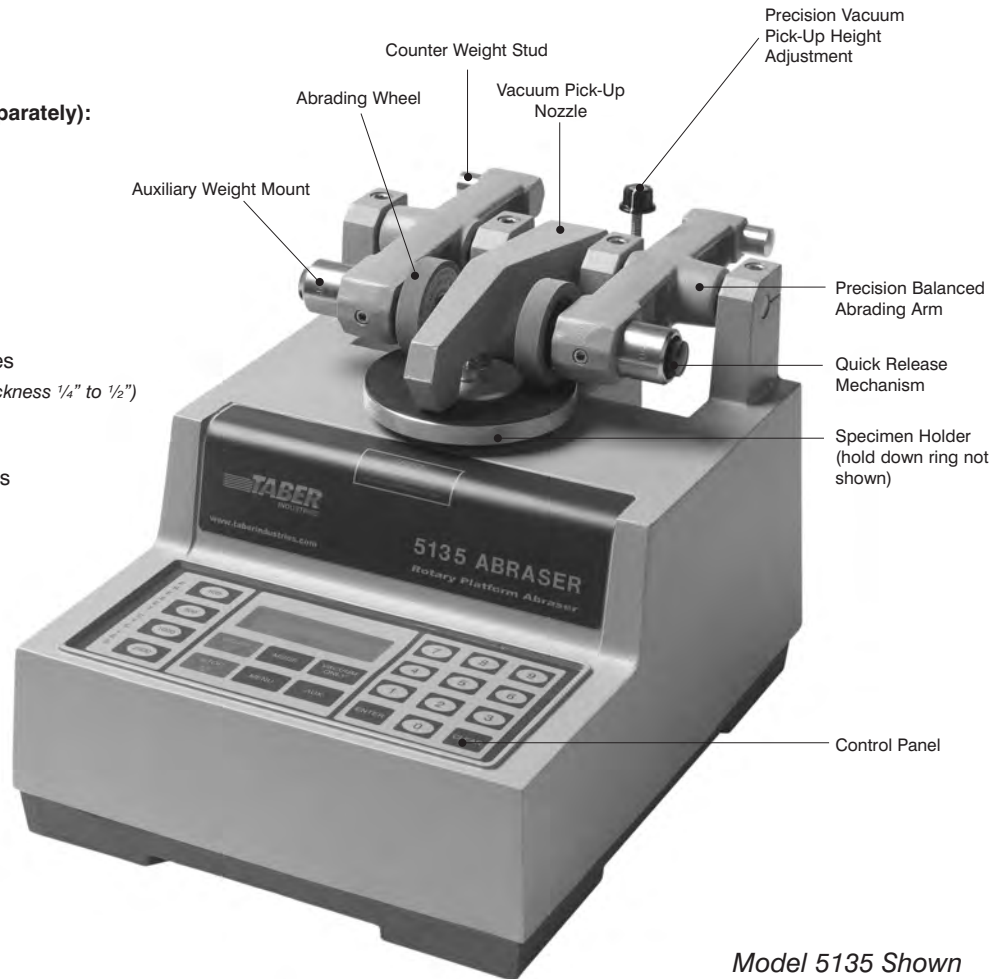


#### Optional Accessories (sold separately):

Calibration / Verification Kit  
Sample Cutter  
Wheel Refacer  
Quiet Cabinet  
Grit Feeder  
Scuffing Head Attachment  
Multi-Media Attachment  
Interchangeable Specimen Tables  
S-21 Extension Nut (*specimen thickness 1/4" to 1/2"*)  
Arm Height Extension Kit  
(*specimen thickness up to 40mm*)  
Selection of Abrading Wheel Sets  
Test Accessories  
Haze Kit

#### Taber Rotary Abraser Includes:

Auxiliary Weights 500g load & 1000g load  
Specimen Holder (E100-125)  
Hold Down Ring (E-100-101)  
Refacing Discs (S-11)  
Specimen Mounting Card Sample Package (S-36)  
Calibrase<sup>®</sup> Abrading Wheel Set (CS-10)  
Calibrade<sup>®</sup> Abrading Wheel Set (H-18)  
Vacuum Unit with Suction Hose & Round Brush



Send us your materials for  
a product demonstration

Model 5135 Shown

**TABER**<sup>®</sup>  
INDUSTRIES

CCSi, Incorporated  
Akron, Ohio 44304 USA



For more information:  
Call 1.800.742.8535 (USA) or 330.742.8535 (outside USA)  
Fax 1.800.229.9535 (USA) or 330.376.8500 (outside USA)  
Email us at [taber@ccsi-inc.com](mailto:taber@ccsi-inc.com)  
Visit us at [www.ccsi-inc.com](http://www.ccsi-inc.com)