

ROTARY ABRASER

MODEL 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. 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.

Applications

Ceramics, Plastics, Vinyl, Textiles, Glass, Waxes, Metals, Leather, Rubber, Flooring and Painted Surfaces, Lacquered and Electro-Plated Surfaces

Standard Features

- Platform speeds 60 and 72 rpm
- Digital LED readout with data storage
- Unique "X" pattern showing wear from any angle
- 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
- Accessory electrical receptacle
- Conforms to various ASTM, DIN, EIN, ISO, JIS, ML, NEMA, NF, SAE, TAPPI, and UNE specifications

Available in Two Versions

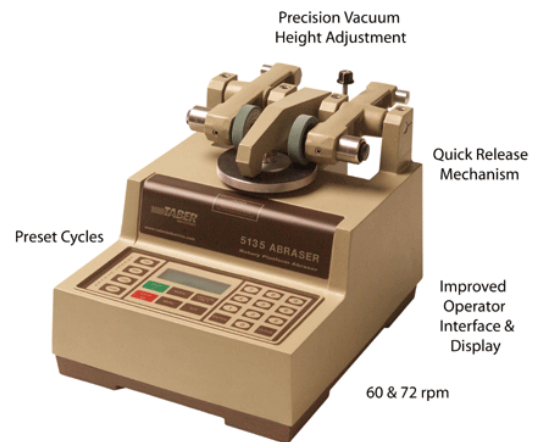
The Rotary Abraser (Abrader) is available in two models - single or dual specimen tables. Both offer the same durable design and can be used interchangeably. With the introduction of the model 5135 and 5155, Taber Abrasers are now available as 115/230V; 60/50Hz switchable and offer many new features.

Single Platform Rotary Abraser (Abrader) - Model 5135 features a single specimen turntable.

Dual Platform Rotary Abraser (Abrader) - Model 5155 features a dual specimen turntable, which allows you to perform two tests simultaneously (test two different or identical specimens for comparison or contrast). Separate function keys operate the turntables independent of each other.



Model 5155 Shown
Dual Platform



Model 5135 Shown
Single Platform

