



Thwing-Albert Instrument Company

More Than a Century of Testing Solutions

Abrasion Tester 5135/5155

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.

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.

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.

Two Models Available:

Model 5135 Single Platform Abraser

Model 5155 Dual Platform Abraser

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® Abrading Wheel Set (CS-10)
- Calibrade® Abrading Wheel Set (H-18)
- Vacuum Unit with Suction Hose & Round Brush



▲ Model 5135



▲ Model 5155

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

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