

# Abrasion Tester

## Taber 1700 Single / 1750 Dual

Mounted to a rotating turntable, specimens are subjected to the rub-wear action of one or two abrasive wheels depending on the model. 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.

The Taber Abraser is used to perform accelerated wear testing. Simple to use tester allows collection of reliable data in a matter of minutes compared to the years that may be required by in-use testing. The Taber Abraser is used globally as the standard for evaluating abrasion resistance.

This instrument is used for quality & process control, research & development and material evaluation. The Taber Abraser can be used to test virtually any flat specimen. This instrument has been referenced in numerous standards and specifications including plastics, coatings, laminates, leather, paper, ceramics, carpeting, safety glazing, and others.

### Two Models Available:

#### Model 1700 Single Platform Abraser (115/230V; 60/50Hz)

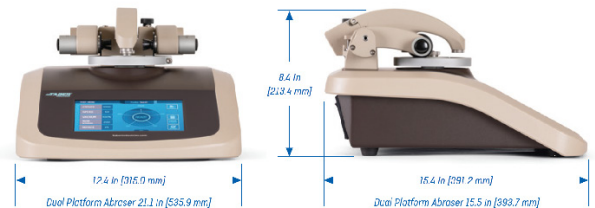
##### Single Specimen Turntable

- (4) Auxiliary Weights provided  
(2) 500g & (2) 1000g load
- (1) Specimen Holder (SH-125)
- (1) Hold Down Ring (SH-101)
- (1) Vacuum Unit with Suction Hose (not shown)

#### Model 1750 Dual Platform Abraser (115/230V; 60/50Hz)

Two Specimen Turntables can be operated simultaneously or independent of each other.

- (8) Auxiliary Weights provided  
(4) 500g & (4) 1000g load
- (2) Specimen Holder (SH-125)
- (2) Hold Down Ring (SH-101)
- (1) Vacuum Unit with Suction Hose (not shown)



### Standard Features:

- Specimen turntable speed control allows options of 60 rpm and 72 rpm
- LCD operator touch screen
- Quick release wheel mounting hub
- Easy to replace critical components
- Compact abraser arm assemblies with standard wheel load of 250g can be modified with auxiliary weight
- Direct flow vacuum nozzle with precision height adjustment
- Screw-in vacuum nozzle tips for 8 mm and 11 mm
- Selectable display options (including language)
- Store test profiles

