

Taber 1700 / 1750 Rotary Platform Abrasion Tester



“Taber Test” delivers reliable data in minutes. Used to evaluate a material’s resistance to wear, a flat specimen is mounted to a turntable platform that rotates on a vertical axis. As the turntable rotates, contact of the specimen against the sliding rotation of two abrading wheels cause wear while a vacuum system removes loose wear debris during the test. The resulting abrasion marks form a pattern of crossed arcs in a circular band that cover an area approximately 30 cm².

Referenced in more than 100 International Test Standards and Specifications

Easy to operate, the Taber Abraser has been specified by numerous industries as the standard for wear and abrasion research, quality and process control, materials evaluation, and product development. Its field of application includes tests of painted, lacquered, powder coated, and electroplated surfaces; textile fabrics ranging from sheer silks to heavy upholstery and carpeting; solid materials such as metals, stone and ceramics; plus plastics, leather, rubber, linoleum, laminates, glass, paper, and many others .

Genuine Taber Abrading Wheels and Test Accessories Offer Enormous Versatility

Different grades of standardized abrasive wheels have been engineered to meet varying requirements of abrasive action enabling the instrument to be used to test a diverse range of materials. Available as Calibrase® or Calibrade®, these proprietary abrasants are designed so the binder material breaks down during use, exposing new abrasive particles. Optional accessories such as the Grit Feeder or Scuffing Head Attachments can be used to expand the type of test being conducted .



Available in Two Versions:

Model 1700 Single Platform Abraser

Model 1750 Dual Platform Abraser

115/230V, 60/50Hz

Rotary Abraser Includes:

- Auxiliary Weights 500g & 1000g load
- Specimen Holder (SH-125)
- Hold Down Ring (SH-101)
- Vacuum Unit with Suction Hose

Optional Accessories

(sold separately):

- Genuine Taber Abrading Wheel Sets
- Test Accessories
- Interchangeable Specimen Holders
- Sample Cutter
- Wheel Refacer
- Quiet Cabinet
- Grit Feeder
- Scuffing Head Attachment
- Arm Height Extension Kit
- Calibration Verification Kit
- Counter Weight Kit
- Wheel/Hub Kit with Nut

Features

- LCD Operator Touch Screen
- Quick Release Wheel Mounting Hub
- Critical Components Easy to Replace
- Compact Abraser Arm Assemblies
- Redesigned Support Frame and Housing
- Direct Flow Vacuum Nozzle with Precision Height Adjustment
- Screw-in Vacuum Nozzle Tops for 8mm and 11mm
- Selectable Display Options (including language)
- Store Test Profiles



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