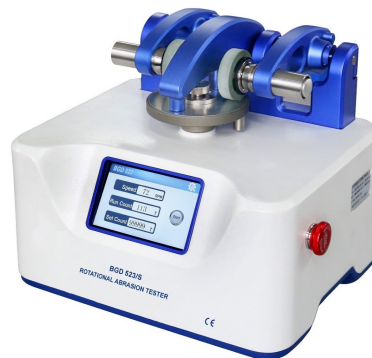


# Rotational Abrasion Tester with Taber Wheels

## BGD 523-S

### Product Description

BGD 523/S Rotational Abrasion Tester is a multifunctional paint film abrasion tester. This product complies with ISO 7784-2, ISO 9352, GB/T 1768, ASTM D 3884, ASTM D 1175, and other standards. It is easy to operate, has a novel appearance, stable performance, and provides accurate and reliable test data



### Standards

DIN 52347, DIN 53109, DIN 53754, DIN 53799, ISO 5470, ISO 9352, ISO 3573, ISO 4586-2, ISO 7784-2, ASTM C217, ASTM D 1044, ASTM D 3389, ASTM D 4060, ASTM D 5342

### Technical Specification

- Colorful touch-screen operation and display of various parameters, intuitive, simple, and convenient
- Can select many different sorts of abrasion media and accessories for different tests
- Replace the workbench to be compatible with wood abrasion tests (specimen thickness can be up to 25mm)
- Two speeds (60 rpm or 72 rpm), 0-99999 revolutions, and 3 loads can be set to ensure the stability and accuracy of the test
- Device for quick loading and unloading of abrading wheels
- The selected abrading wheels and abrasives are strictly quality controlled, with high quality and good stability.
- Abrading arms and fixing sleeve of abrading wheel have been calibrated and balanced
- Precise stainless steel weights (deviation less than 1 gram)
- Equipped with S-11 abrasive rubber wheel pre-abrasive paper from Taber company to ensure the comparability of each test result
- Equipped with a cleaner to remove abrasive dust (optional)
- The vacuum nozzle height can be precisely adjusted to accommodate the sample's thickness
- The instrument supplies power to the vacuum cleaner, which starts and stops simultaneously with the test

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### Main Technical Parameters

Platform Speed	60+/-2 r/min or 72 +/- 2r/min
Range of count	0~9999 times
Specimen size requirement	Ø 100 x Ø 8 (center hole) x 3 mm
Specimen thickness	Thickness: BGD 522-S: 20-25 mm, BGD 523-S: 0-5mm
Dimensions of abrasive sheet	Ø 50 x Ø 16 (center hole) x 13 mm
Load weight	500g - 750g - 1000g
Main motor power	25W
Power Supply	220V; 50Hz
Overall Dimensions (mm)	340x250x300 (W x D x H)
Power Supply	220V; 50Hz

- Equipped with
  - S-11 Resurfacing medium disc (10 pcs)
  - A pair of standard abrasive rubber wheel (CS-10 or CS-17).
- Vacuum cleaner is optional

### Accessories:

- BGD 1200 - Wood Abrasion Bench (adaptation of BGD 523-S to abrasion of wood (like BGD 522-S)
- BGD 1368 - AP180# emery cloth strips (100 strips/box)
- BGD 1372 - Fixing for soft specimen (such as coatings on paper or cloth)
- BGD 2601 - Glass panels with circular hole (diameter 100mm, with a small hole of 10mm in the center (100 pieces/box)
- BGD 2328 - Aluminium panels with circular hole (diameter 100mm, with a small hole of 10 mm in the centre (100 pieces/box)
- BGD 2339 - Standard zinc panel for calibration (10 pieces/box)

**Ordering information:** BGD 523-S - Rotational Abrasion Tester

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### **BGD 523-S**

#### **Accessoires**

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- BGD 2601 - Glass panel with circular hole (pack of 100)
- CS-10 - CS-10 Taber Abrading Wheels
- CS-17 - CS-17 Taber Abrading Wheels
- S-11 - S-11 Taber Refacing medium disc (pack of 100 pcs)
- BGD 1368 - Emery Cloth Strip: 180#, 100 pcs
- BGD 1372 - Fixing ring for soft specimen (Fix some soft material, such as paper, plastic film, cloth etc.)
- BGD 2328 - Aluminum Panel with circular hole (pack of 100 pcs)
- S-42 - S-42 Sandpaper Strips

#### **Disclaimer**

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