

## Wet Abrasion Scrub Tester

Paint often become soiled especially near doorways, windows, and in work and play areas. Coated surfaces need to be tested for resistance to abrasion caused by a brush, sponge, or other means. The Wet Abrasion Scrub Tester can produce a repeatable, controlled condition to simulate everyday use or wear patterns.

**BGD 526 Wet Abrasion Scrub Tester** is the newest machine which is developed by Biuged . It can examine washability and related properties that affect the stain resistance of coatings. Detergent performance testing can also be determined in a reproducible manner.

It accords with standards such as ASTM D2486、ASTM D 3450、ASTM D 4213、ASTM D 4828、DIN EN 11330、EN. ISO 11998 etc.

### Feature:

- ◆ Running speed can be set to meet requirements of different standards.
- ◆ With five-digit counter, start the machine and it will automatically be stopped when reaching set times.
- ◆ Compatible with a variety of abrasion pads to comply with different standards requirements, such as ISO, ASTM, DIN etc..
- ◆ Quickly and easily to load and unload testing samples and replacing abrasion head.
- ◆ Can work normally under different voltage and frequency
- ◆ With stable and uniform running speed because of Push-rod design
- ◆ Features two brush holders for side by side testing
- ◆ Long service life with hard and durable design
- ◆ The whole machine body is made of anodized aluminum, having stable working status, repeatable test results, no exception Even in the fastest speed of the stroke.
- ◆ With peristaltic pump design, control scrub medium flow accurately.



Scan for video

**Main Technical Parameters:**

- ★ Specification of brush: Nylon brush bristles in 5/4 pattern extending 19 mm from block.
- ★ Weight of brush ( including device holding brush ) : 454 ± 10 g ( ASTM D 2486 ) ; 135 ± 1g ( ISO 11998 )
- ★ Stroke Length: 300mm
- ★ Frequency of travel: 10 ~ 99 times/min ( adjustable )
- ★ Range of count: 0~99,999 times
- ★ Size of test plate: 430mm × 150mm × 0.03mm
- ★ Power of motor: 25W
- ★ Power: 110V ~ 220V; 50/60Hz
- ★ Overall size: 590mm × 578mm × 320mm ( L×W×H )
- ★ Net Weight: 27KG
- ★ Capacity of Water Container: 1L



**Ordering Information:**

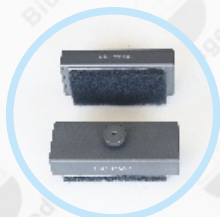
- BGD 526/1---Wet Abrasion Scrub Tester ( ASTM D 2486 )
- BGD 526/2---Wet Abrasion Scrub Tester ( ISO 11998, no includes peristaltic pump )
- BGD 526/3---Wet Abrasion Scrub Tester ( ASTM D 3450 )
- BGD 526/4---Wet Abrasion Scrub Tester ( ASTM D 4213 )
- BGD 526/5---Wet Abrasion Scrub Tester ( ASTM D 4828 )
- BGD 526/6---Wet Abrasion Scrub Tester ( DIN 53778 )
- BGD 527---Wet Abrasion Scrub Tester ( ASTM D 2486& ISO 11998 )

**Optional Accessories:**

- BGD 1045 ---Abrasive pad ( 3M Scotch Brite®handpads ) ( ISO 11998; Size--- 90 × 39mm; Pack of 50 pairs )
- BGD 1364---Special nylon brush ( ASTM D 2486; 1 pair )
- BGD 1365/A---Hog Bristle Brush ( 1 pair )
- BGD 1510---BGD 1510---Sponges ( ASTM D 3450 & ASTM D 4828; 12 pcs )
- BGD 1511---Sponges ( ASTM D 4213; 12 pcs )
- BGD 1179---Abrasion Heads for DIN 53778 ( Hog Bristle Brush+ Weights, total weigh is 250 ± 10g )
- BGD 1185---Abrasion Heads for ISO 11998 ( 3M Scotch Brite handpads + Weights, total weigh is 135 ± 1g )
- BGD 1186---Abrasion Heads for ASMT D 2486 ( Nylon+ Weights, total weigh is 454 ± 10g )
- BGD 1187--- Abrasion Heads for ASTM D 3450 ( Sponge+ Weights, total weigh is 1,500g )
- BGD 1188--- Abrasion Heads for ASTM D 4213 ( Sponge+3M Scotch Brite handpads + Weights, total weigh is 470 ± 10g )
- BGD 1189--- Abrasion Heads for ASTM D 4828 ( Sponge+ Weights, total weigh is 1000 ± 10g )
- BGD 1197---Locating Frame for brush&abrasive pad ( Used in conjunction with BGD 1179, BGD 1185 and BGD 1186 )
- BGD 1198---Locating Frame for sponges ( Used in conjunction with BGD 1187, BGD 1188 and BGD 1189 )
- BGD 2355---Brass Shim ( 165mm × 12.7mm × 0.25mm; pack of 10 pairs )
- BGD 2208---Black plastic panel ( 432mm × 165mm × 0.25mm; pack of 100 pcs )



Nylon brush of ASTM D 2486



ISO 11998 Special brush



Sponges of ASTM D 3450, ASTM D 4213, ASTM D 4828



Black plastic panel