

Wet Abrasion Scrub Tester (ASTM D 4213)

BGD 526-4

Product Description

Paint often becomes 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 526-4 Wet Abrasion Scrub Tester can examine washability and related properties that affect the stain resistance of coatings. Detergent performance testing can also be determined in a reproducible manner.



In accordance with standards ASTM D 4213

- Running speed can be set to meet requirements of different standards.
- With four-digit counter, start the machine and it will automatically be stopped when reaching set times.
- Compatible with abrasion pads to comply with different standard ASTM D 4213. (See ordering information for all other standards).
- Quickly and easily to load and unload testing samples and replacing abrasion head.
- Can work normally under different voltages and frequencies
- 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, accurate flow of control scrub medium.

Standards

- ASTM D 4213

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Technical Specification

- Stroke Length: 300 mm
- Frequency of travel: 5~95 times/min (adjustable)
- Range of count: 0~9,999 times
- Size of test plate 430×150×0.03mm
- Power of motor: 25W
- Power: 110V~220V ; 50/60 Hz
- Overall size: 500x460x280 mm
- Capacity of Water Container: 1L

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Main Technical Parameters

Ordering Information:

- BGD 526/1 - Wet Abrasion Scrub Tester (ASTM D 2486)
- BGD 526/2 - Wet Abrasion Scrub Tester (ISO 11998, does not include 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 1188 - Abrasion Heads for ASTM D 4213 (Sponge + 3M Scotch Brite® handpads +Weights, total weight 470±10g)
- BGD 1511 - Sponges (ASTM D 4213 & ASTM 4828; 12 pcs)
- BGD 2208 - Black plastic panel (432×165×0.25mm; pack of 100 pcs)

Accessoires

- BGD 1188 - Abrasion Heads for ASTM D 4213 (Sponge + 3M Scotch Brite handpads + Weights, total weigh is 470±10g)
- BGD 1511 - Sponges (ASTM D 4213 & D 4828) - 12 pcs/package
- BGD 2208 - Black Plastic Panel (432x165x0.25mm) - pack of 100 units

Disclaimer

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