

Wet Abrasion Scrub Tester (ASTM D 2486 / ISO 11998)

BGD 527

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 527 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 2486 and EN ISO 11998.

- 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 standards ASTM D 2486 and EN ISO 11998. (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

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- ASTM D 2486
- EN ISO 11998

Technical Specification

- Stroke Length: 300 mm
- Specification of brush: Nylon brush bristles in 5/4 pattern extending 19mm from block.
- Weight of brush (including device holding brush): 454±10 g (ASTM D 2486) and 135±1g (ISO 11998)
- 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)
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Optional Accessories:

- BGD 1195 - Abrasion Heads for ISO 11998 (3M Scotch Brite handpads + weights, total weight is 135±1g)
- BGD 1045 - Abrasive pad (3M Scotch Brite® handpads) (ISO 11998; Size - 90 x 39mm; Pack of 50 pairs)
- BGD 1196 - Abrasion Heads for ASTM D 2486 (Nylon + Weights, total weight is 454±10g)
- BGD 1364 - Special nylon brush (ASTM D 2486; 1 pair)
- BGD 2208 - Black plastic panel (432×165×0.25mm; pack of 100 pcs)

Accessoires

- BGD 1045 - Abrasive Pad 3M Scotch Brite (ISO 11998 - 90x39mm - pack of 100)
- BGD 1364 - Special Nylon Brush (ASTM D 2486) 2 pcs/package
- BGD 2208 - Black Plastic Panel (432x165x0.25mm) - pack of 100 units
- BGD 1195 - Abrasion Heads for ISO 11998
- BGD 1196 - Abrasion Heads for ASTM D 2486

Disclaimer

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