

Wet Abrasion Scrub Tester with Image Recognition

Introduction: For the scrub resistance of wall paints and related products, operator should record the number of cycles to remove one continuous thin line of paint film across the 12.7mm (1/2 in.) width of the shim. But how to judge this 12.7mm length accurately? different operators always have their different judging standards. To accurately and quickly determine the end point of the test, it is not only necessary for the operator to have a preliminary prediction of the cycles of scrub resistance of the test samples, but also for them to be able to accurately identify the length of the removed paint film. However, it is quite difficult in actual operation.

BGD 526/S Wet Abrasion Scrub Tester with Image Recognition is equipped with the function of automatically identifying and calculating the length of the test sample from being abraded to the substrate (exposed bottom). It can monitor the wet abrasion scrub of the samples of two channels at the same time, no need to look at the sample on site. Once the exposed length of the test sample reaches the "threshold" set by the operator, the instrument will automatically stop and record the current scrub times, so as to truly achieve unattended. In addition, the operator can also browse the actual pictures of the test panel after scrubbing for any number of times, and can export the pictures to the U disk for checking.

Features:

- ◆ Double working channel, each channel can measure the length of the exposed bottom visually. When it reaches the set threshold, it will stop automatically.
- ◆ Equipped with 8-inch touch screen, which can display clearly and run smoothly.
- ◆ 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 the design of push rod, the running speed is stable and uniform.
- ◆ 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.
- ◆ The solution (scrub medium) flows into the brush through the peristaltic pump on the side of the tester, and can be accurately controlled.

Main Technical Parameters:

- ★ Weight of brush: (450 ± 10) g
- ★ Speed: the setting range is (10~99) CPM, and the visual detection range is (5~60) CPM
- ★ Stroke length: 0~300mm (adjustable), can meet different test requirements
- ★ Range of count: 0~99,999 times
- ★ Glass plate size: 430mm × 306mm
- ★ Capacity of liquid container: 1L
- ★ Power: AC 110V/220V, 50Hz/60Hz
- ★ Overall size (mm): 590 × 460 × 720
- ★ Net weight: 30 KG

★ Ordering information:

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