



SmartCrock Crockmeter

SmartCrock Crockmeter is used to test the color fastness of textiles or leather to dry or wet rubbing. In the test, a standard white rubbing cloth is rubbed repeatedly against a sample at a certain speed. After the test, you can rate color fastness by comparing the color depth of the friction cloth with the standard grey card. They do this under a standard light.

The rubbing color fastness tester is fully automatic. It repeats rubbing. The rubbing head can lift up and down on its own. The fixture can hold dry and wet samples at once. The loading table can be shifted left and right. This makes it easy to quickly do the dry and wet rubbing color fastness test. It reduces the influence of manual operation on the test results. What's more, it saves 20% of the test time, and saves labor at the same time.

SmartCrock is applicable to ISO 105x12, GB/T 3920, AATCC8, ISO 20433 Method C and other standards, suitable for testing cotton, chemical fiber, blended and other colored fabrics and leather.

SmartCrock

Crockmeter




- Fully automatic testing, efficient and reliable.**


When you load the friction cloth and sample and press start, the friction head will land on the sample. It will then move it back and forth. Then, it will automatically stop and lift up after a set number of times. This reduces the influence of manual operation on the test results. It also makes the test faster and more accurate.
- Connected to SmartTexLab, the test results can be uploaded to ERP or LIMS.**


The SmartCrock can connect to the SmartTexLab App by ChiuVention Team via Wi-Fi. This allows you to set parameters or track the test from your smart phone. And the test results will be seen in the SmartTexLab, besides, it can be uploaded to the company's ERP or LIMS. This paperless and intelligent testing makes textile lab quality management easier and faster.
- Wet and dry rub tests can be carried out quickly, saving 20% time.**

You can hold wet and dry specimens at the same time. The removable loading table lets you quickly switch between the textile's friction zones. You can perform dry and wet friction tests quickly.
- Noiseless and durable.**

Moving parts use linear guides. They make the instrument run smoothly and quietly. The main body of the sample table is made of durable aluminum alloy.

- 

Power
220/110V 50/60 Hz
- 

Weight
23kg
- 

Dimension
663*173*250 mm (L*W*H)

The specification of SmartCrock

Friction head	diameter 16 mm
Vertical pressure	9N +/- 10%
Friction stroke	104 mm

Standard accessories

- AATCC friction cloth
- Sandpaper
- Clamping sleeve
- Sampling plate

Optional accessories and consumables

- AATCC/ISO Friction Cloths
- AATCC/ISO stained gray card
- Sandpaper
- Rectangular test head with clamping ring
- Round clamping ring

Standard

ISO 105x12 (round friction head), AATCC 8, GB/T 3920 (round friction head), ISO 20433 Method C;

Optional standard

ISO 105xD02, AATCC 165, ISO 105x12 (rectangular friction head), GB/T 3920 (rectangular friction head)