



## **TF410 - MANUAL / TF411 – ELECTRIC CROCKMETER**



### **Descriptions:**

Crockmeter – Manual AATCC Crockmeter TF410 or Electronic Crockmeter TF411, to test the color fastness of textiles to dry or wet rubbing. Also named rubbing fastness tester.

The manual or electronic Crockmeter complies with ISO 105×12/D02, AATCC 8/165 testing standard, and etc. In the crocking test, a reliable Crockmeter plays a vital role in the repeatable and reproducible results.

### **Application**

The Crockmeter, to determine the amount of color transferred from the surface of colored textile materials and other dyed materials to another surface by rubbing.

The Crockmeter equipped with an electronic counter, and handle is on the top to take it easy. A sandpaper is set under the test sample so that the sample is fixed during the test, makes the rubbing Color Fastness test repeatable.

Designed with a stable slide offers you even testing results, and the weight which produces 9N loading is changeable to alternative weights.

Electronic Crockmeter Fitted with a pre-determined electronic counter for strokes up to 999,999 times.


For fewer times rubbing fastness testing, you can also choose a manual crockmeter as an alternative to this motorized one.



### Features of Crockmeter:

- The precision slide rail ensures the linear movement of the friction rod and the friction finger, avoiding the uneven staining test result.
- Bigger size specimen brings even pressure on the sample, getting rid of the wrinkles when rubbing.
- Parts such as switches, buttons and counting meters are imported from the US and Japan, meet strict test standards, and have stable performance.
- Easy lift design makes it easy to change either Abradants or Specimens.
- The cover is shielded to prevent dust and other debris from falling into the instrument and prolonging the service life.
- Unique Handle design makes this crockmeter a real portable machine and friendly to female operators.

### Specifications:

Type of Crockmeter	TF411 Electronic Crockmeter	TF410 Manual Crockmeter
Image		
Rubbing head	16 mm	16 mm
Vertical pressure	9N+/-10%	9N ± 10%
Rubbing stroke	104 ± 3 mm	104 mm
Counter	1 ~ 999,999 times, automatically stop	/
Net Weight	11 kg	/
Dimensions	170 mm * 650 mm * 330 mm	160 mm * 660 mm * 215 mm
Power	220/110 V 50/60 Hz 3 A	/
Standards	ISO 105x12, ISO 20433, AATCC 8, GB 13920	ISO 105x12, ISO 105xD02, AATCC 8, AATCC 165
Optional Standards	ISO105xD02, AATCC165	/