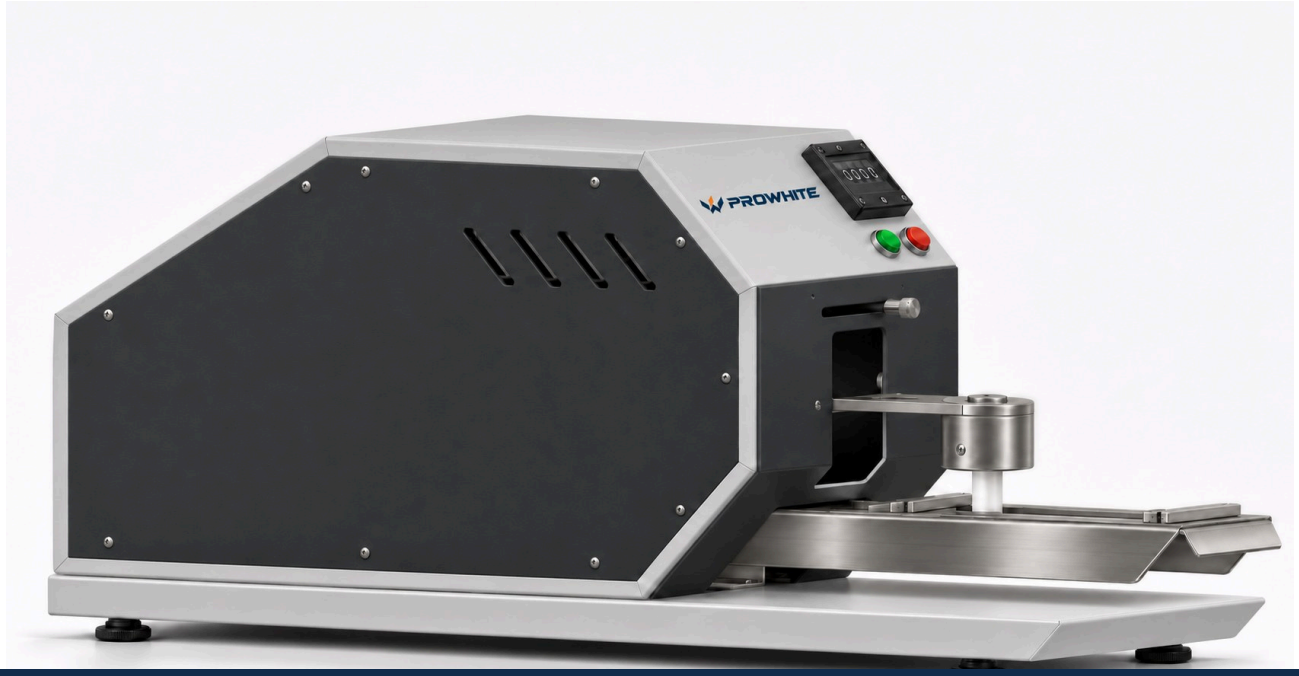
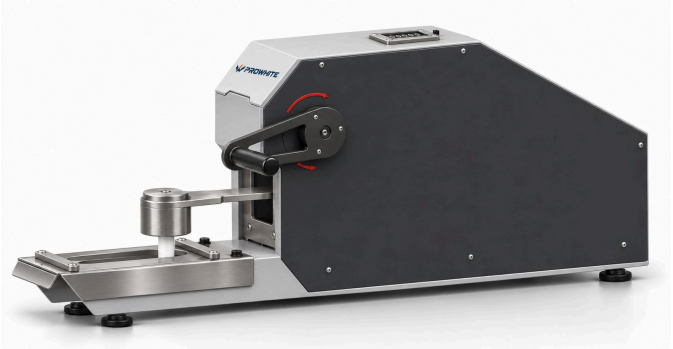
Crockmeter Series

Assess colour transfer under dry and wet rubbing



AUTOMATIC / PW-K013-A



MANUAL / PW-K013-M



ROTARY / PW-K013-R

Three models. Match the instrument to the method.

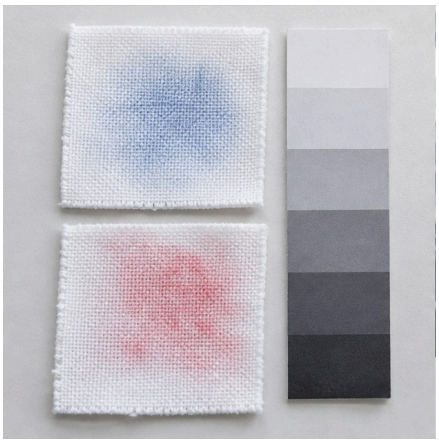
Textile quality control • Dyeing • Printing • R&D;

One purpose, different test motions

The test evaluates colour transferred from a specimen to a standard white cotton rubbing cloth. Dry and wet tests are performed separately; staining is assessed against the appropriate grey scale.



Textile specimens



Assessing colour transfer



Quality control laboratory

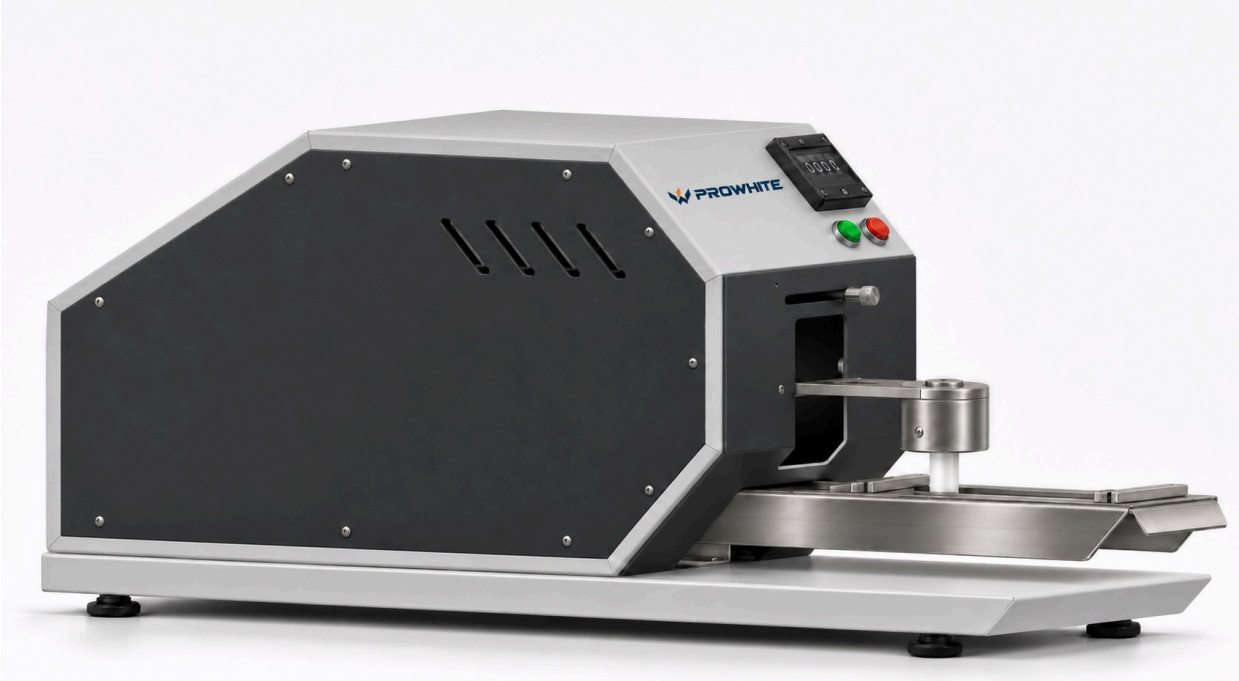
Feature	Automatic	Manual	Rotary
Model	PW-K013-A	PW-K013-M	PW-K013-R
Test motion	Linear	Linear	Alternating rotary
Drive	Motorised	Hand crank	Hand crank
Monitoring	Electronic counter	Mechanical counter	Counter
Primary use	Routine testing	Hand-operated testing	Small printed areas
Main methods	ISO 105-X12 AATCC TM8	ISO 105-X12 AATCC TM8	ISO 105-X16 AATCC TM116

Selection note

The rotary model isolates smaller coloured regions. Linear and rotary results are not interchangeable; select the method specified for the product.

Automatic Crockmeter

Motorised linear rubbing • Electronic counter



Motorised motion performs the rubbing cycle without relying on hand-cranking speed. Specimen clamps secure the material on the test bed for routine dry and wet testing.

OPERATING FEATURES

- Electronic cycle monitoring
- Green / red operating buttons
- Accessible specimen mounting area
- Metal enclosure and rubbing mechanism

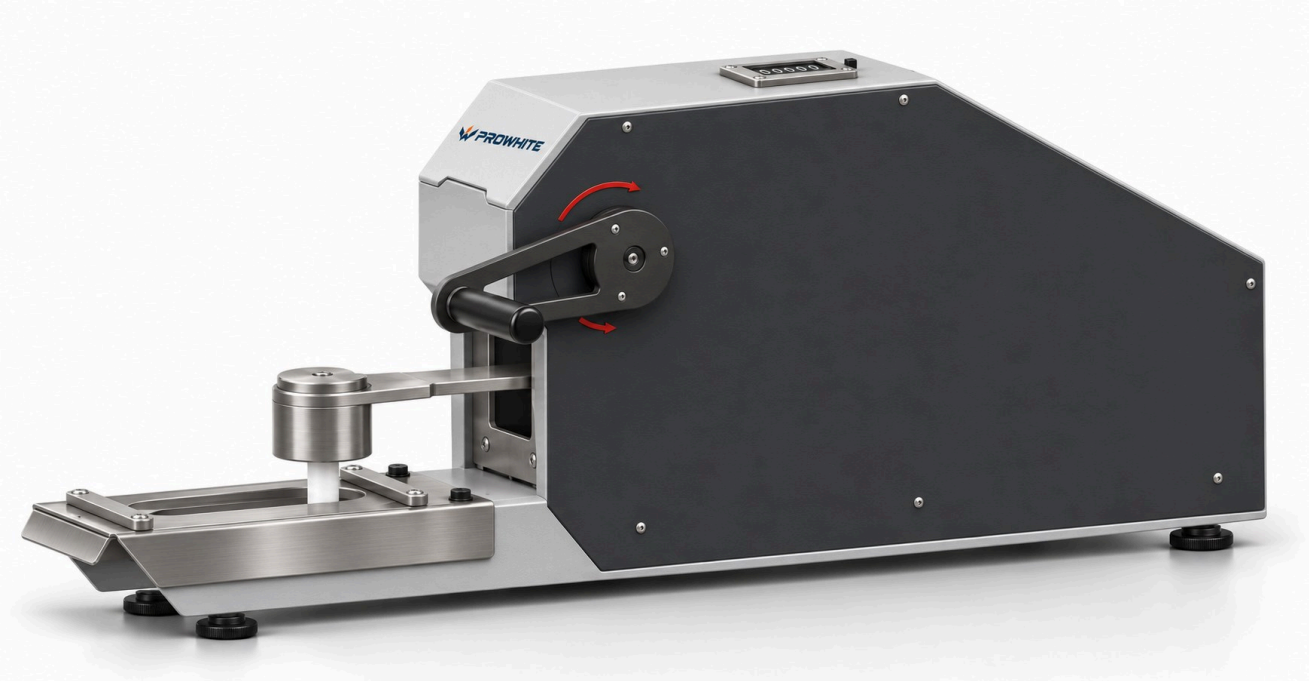
Test condition	Dry / wet
Rubbing finger	Ø16 mm
Linear stroke	104 mm
Downward force	9 N
Assessment	Grey scale for staining
Drive	Electric motor

APPLICABLE TEST STANDARDS

ISO 105-X12 • AATCC TM8
ISO 105-A03 (staining assessment)

Manual Crockmeter

Hand-operated linear rubbing • Mechanical counter



The hand crank moves the rubbing finger back and forth over the specimen. A top-mounted mechanical counter tracks cycles, providing a straightforward workflow for dry and wet rubbing assessment.

OPERATING FEATURES

- Direct control through the hand crank
- Top-mounted mechanical counter
- Arrangement for dry and wet testing
- Open test area for easy specimen access

Test condition	Dry / wet
Rubbing finger	Ø16 mm
Linear stroke	104 mm
Downward force	9 N
Assessment	Grey scale for staining
Drive	Manual hand crank

APPLICABLE TEST STANDARDS

ISO 105-X12 • AATCC TM8
ISO 105-A03 (staining assessment)

Rotary Crockmeter

Rubbing fastness assessment on small areas



For separate assessment of small regions, particularly on printed and multicoloured textiles. The vertical rubbing finger alternates clockwise and counter-clockwise over the specimen.

OPERATING FEATURES

- Access to small pattern and colour areas
- Vertical loading through the top weight
- Hand operation with counter
- Compact, open specimen area

Test condition	Dry / wet
Rubbing finger	Ø16 mm
Applied mass	1134 g
Rotary motion	1.125 turns; both directions
Drive	Manual
Assessment	Grey scale for staining

APPLICABLE TEST STANDARDS

ISO 105-X16 • AATCC TM116
ISO 105-A03 (staining assessment)

Complete the test workflow

Core instrument equipment

Rubbing mechanism, counter, specimen holding arrangement and loading components of the selected model. The chosen model is identified in the order scope.

Additional consumables & assessment tools

Standard cotton rubbing cloths; grey scale for staining; specimen grip surfaces; spare rubbing fingers and retaining parts. Required items are specified separately.



For consistent assessment

Follow the selected method for cloth conditioning, wet pickup, specimen direction and cycle count. Assess staining under appropriate illumination. Record the model, method, dry/wet condition and result together.

Select the right model for your laboratory.

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