



GenCrock Pro – Electronic Crockmeter

Standards:

[ISO 105-X12 / D02,](#)
[JIS L 0862 Type I](#)

[ASTM D6279,](#)
[AATCC 8 / 165,](#)

[BS 1006-D02,](#)
[JIS L 0849 Type I,](#)



ULTIMATE USER-FRIENDLINESS



LEADING DEPENDABILITY AND RELIABILITY



STRICT COMPLIANCE WITH INDUSTRY STANDARDS



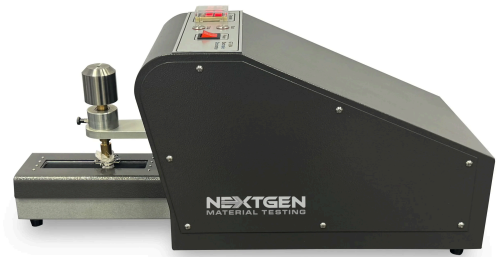
STOCKED CONSUMABLES AND SPARES



TRUSTED AFTER SALES TECHNICAL SUPPORT



LIFETIME PRODUCT SUPPORT ADVANTAGE



Description

[GenCrock Pro](#) is an electronic crockmeter designed to measure color fastness to dry and wet rubbing on textiles and other coated materials where surface color transfer must be evaluated under controlled conditions. It provides a simple, repeatable method for routine crocking tests, combining fixed stroke parameters, controlled vertical pressure, and an electronic counter in a compact bench-top format. For laboratories handling day-to-day color fastness testing, it offers a practical solution for quality control, comparative material evaluation, and standards-based testing workflows. Its controlled stroke geometry, repeatable operating conditions, and support for recognized rubbing fastness methods make it well suited for routine laboratory testing.

GET A QUOTE



Main Features

GenCrock Pro is built for labs that need straightforward operation, consistent rubbing conditions, and dependable results in routine color fastness testing.

- **Dry and Wet Rubbing Evaluation:** Designed to determine the color fastness of textiles to both dry and wet rubbing conditions.
- **Electronic Stroke Counting:** Uses a pre-set electronic counter for strokes up to 9,999, with automatic stop at the end of the test cycle.
- **Controlled Test Geometry:** Uses a 16 mm rubbing head, 9 N +/- 0.2 N vertical pressure, and 104 +/- 3 mm rubbing track to support repeatable crocking conditions.
- **Stable Operating Speed:** Runs at 60 +/- 2 rpm, supporting consistent test motion in routine lab work.
- **Rapid Sample Mounting:** The pinned acrylic sample holder is designed to help operators mount specimens quickly and consistently.
- **Compact Electronic Control:** Uses an electronic control system in a compact format that fits easily into standard QC and R&D laboratory benches.
- **Low-Maintenance Construction:** Metal housing with high-temperature baked coating is designed for durability and easier maintenance.



Applications

GenCrock Pro is intended for color fastness testing programs where surface color transfer under rubbing must be measured consistently and compared against internal or external standards. It is especially relevant in textile quality control, product development, and finishing validation. It is especially useful where color transfer, rubbing performance, and surface finish stability need to be evaluated under controlled laboratory conditions.

- **Textiles:** Routine dry and wet rubbing fastness testing for dyed or finished textile materials.
- **Coated Materials:** Useful where surface color transfer or rubbing performance must be checked under controlled test conditions.
- **Quality Control Programs:** Suitable for incoming inspection, lot comparison, production monitoring, and release testing.
- **Product Development Work:** Helps compare different dyes, finishes, treatments, and surface constructions during material development.
- **Standards-Based Lab Testing:** Supports recognized color fastness to rubbing methods used in North American and international testing environments.

Who This System Is For

GenCrock Pro is well suited for organizations that need a reliable motorized crockmeter as part of a structured color fastness testing workflow.

- Textile manufacturers
- Fabric dyeing and finishing operations
- Quality control and quality assurance laboratories
- R&D and materials development teams
- Third-party textile testing laboratories
- Brands and sourcing teams verifying rubbing fastness performance



Technical Specifications

For labs planning installation or comparing rubbing fastness testers, the specifications below summarize the system's core operating parameters and physical requirements.

Parameter	Value
Model	GenCrock Pro
Control System	Electronic control
Rubbing Head Diameter	16 mm
Vertical Pressure	9 N +/- 0.2 N
Rubbing Head Track	104 +/- 3 mm
Test Speed	60 +/- 2 rpm
Stroke Counter	Up to 9,999 strokes
Power Supply	AC 220 V, 50/60 Hz
Dimensions	24.4 x 10.2 x 11.0 in. (62 x 26 x 28 cm)
Weight	30.9 lb (14 kg)



Standards

GenCrock Pro supports recognized rubbing fastness methods used in textile color fastness testing programs. The primary supported standards include:

- BS 1006-D02
- ISO 105-X12 / D02
- AATCC 8 / 165
- ASTM D6279
- JIS L 0849 Type 1
- JIS L 0862 Type 1

Standard Accessories

GenCrock Pro is supplied with the basic accessories required for routine rubbing fastness testing and setup.

- **Rubbing Cloth:** 1 box
- **Sand Paper:** 2 pcs
- **Rings:** 2 pcs
- **Power Line:** 1 pc

Optional Accessories

Optional accessories are available for labs that need additional visual grading tools for staining assessment.

- Gray Scale for Staining



Looking for a Reliable Electronic Crockmeter for Routine Color Fastness Testing?

If your lab needs a dependable solution for dry and wet rubbing fastness evaluation, GenCrock Pro can be configured to support your daily QC workflow and applicable test standards. Send NextGen Material Testing your material type, target standards, and testing requirements, and our team will help you review fit, answer technical questions, and prepare a quote for your application.

[GET A QUOTE](#)