

TECHINCAL DETAILS

OF

*crock*METER I Nx™

1. INTRODUCTION

Paramount *crock*METER I Nx™ is used for testing the transference of color from the surface of one material to another by either wet or dry rubbing. Specimens are rubbed with dry, standard cotton cloth (Crocking cloth) and again, if applicable, with wet cloth. The staining of the crocking cloths is assessed with a SDC Grey Scale.

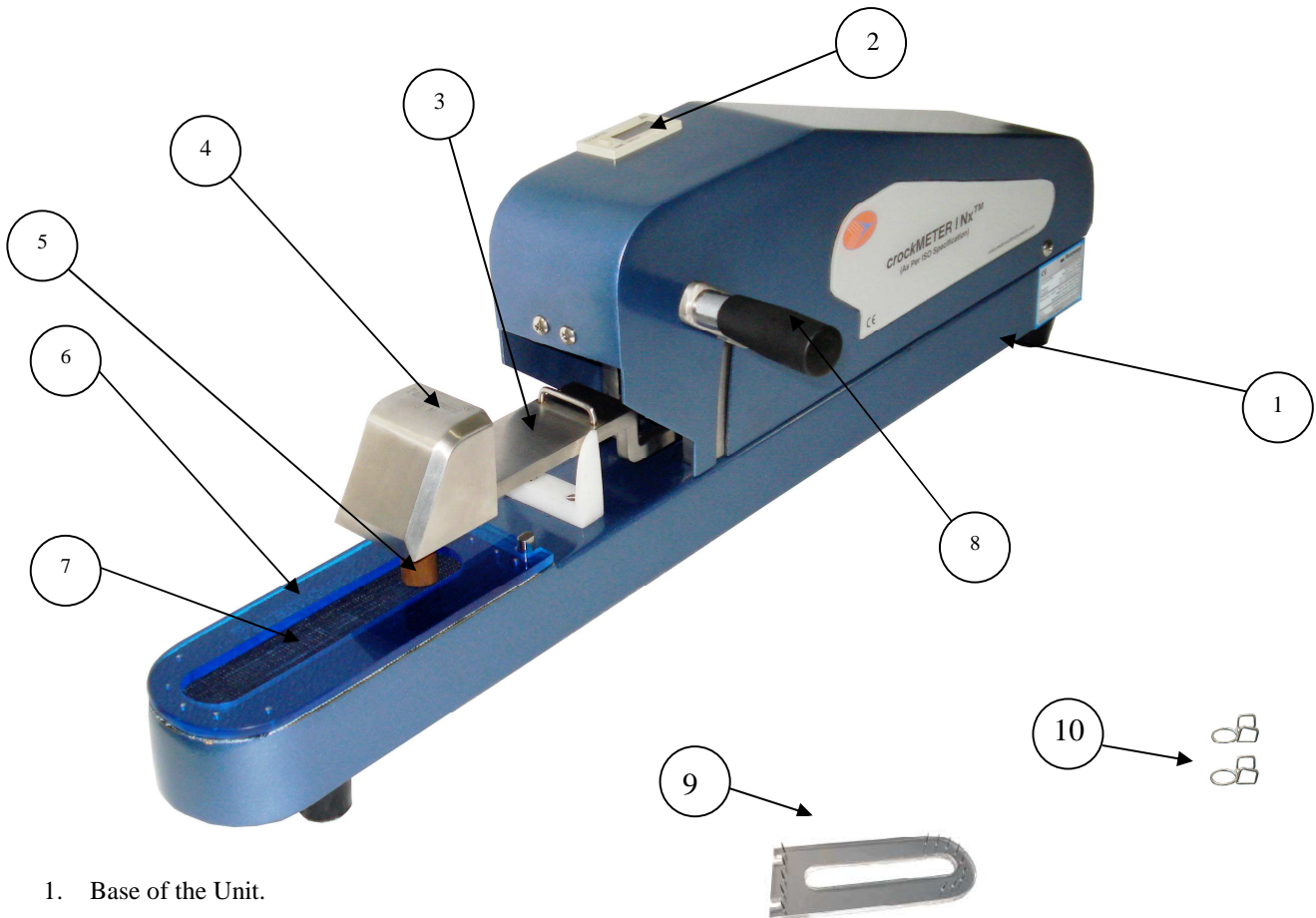
2. EQUIPMENT

Paramount *crock*METER I Nx™ main unit is made of mild steel with a reciprocating arm having 104±3mm traverse length & 16 mm finger. Specially designed 9 N load is exerted on the finger to meet the specification of International standards. Analog resettable revolution counter for measuring accurate revolution as per standards. Metal finger clip is supplied with the equipment for proper gripping of the crock square. Specially designed two different type of acrylic specimen holder is also supplied for gripping the specimen. The equipment is meticulously finished in metallic blue paint for gorgeous look.

3. SALIENT FEATURES

- Specially designed equipment to determine the Colour fastness of Textile to Dry or Wet Rubbing as per ISO/European Standards.
- Ergonomic latest design with modern appearance with precision-engineered components.
- Electronic, re-settable LCD Counter.
- Easy to use, Polycarbonate Specimen Clamps.
- Dual Sample Holder for specimen Testing and Garment Testing.
- Complete with all accessories including pre-cut (50 x 50 mm)400 crocking clothes, 16mm Finger and finger clips, blotting papers etc.
- With Inspection and Calibration Certificate.

4. DETAILS OF THE MAIN UNIT OF *crockMETER I Nx*™



1. Base of the Unit.
2. 4 Digit Resettable LCD Counter.
3. Oscillating Arm.
4. Dead Weight of 9N.
5. Rubbing Finger (ϕ 16 mm).
6. Rubbing Platform. (Having Emery Paper)
7. Handle (Foldable).
8. 'U' Shape Specimen Holder for cut Specimen Testing.
9. Flat Specimen Holder for Loose Fabric / Garments Testing.
10. S.S. Spring clip to fix Crock Square on the rubbing finger.



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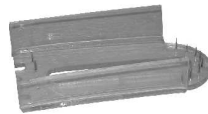


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5. DETAILS OF THE ACCESSORIES SUPPLIED WITH *crockMETER I Nx*™



Main Unit



'U' Shape Specimen Holder

(For Cut Specimen Testing)



Flat Specimen Holder

(For Loose Fabric / Garments Testing.)



Crocking Cloths
 (Pack of 100 Nos. – 04 pkts)



Blotting Paper Pack
 (Pack of 50 Nos. –02 Pacts.)



Stainless Steel Spring Clips
 (For Mounting Crocking Cloths) – 02 Nos.



Dust Cover



Calibration Inspection & Conformance Certificate



crockMETER I Nx™
 This User's Manual



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crockMETER I Nx[™] is Supplied Complete with below Accessories:

Main Unit	: 01 No.
Crocking Cloths (Pack of 100 Nos.)	: 04 Pkts.
S.S Spring Clips (For mounting Crock squares)	: 02 Nos.
Blotting papers (Pack of 50 Nos.)	: 02 Pkts.
'U' Shape Specimen Holder-(For Cut Specimen Testing)	: 01 No.
Flat Specimen Holder (For Loose Fabric/Garment Testing)	: 01 No.
Dust Cover	: 01 No.
This User's Manual	: 01 No.
Calibration Certificate (Traceable to NPL)	: 01 No.
Inspection & Conformance Certificate	: 01 No.

6. TECHNICAL DETAILS OF *crockMETER I Nx*[™]

Diameter of the Rubbing Finger	: 16±0.2 mm
Force on the Finger	: 9 N + 10 % (917.43 gms)
Size of Crock Square	: (5 x 5) Cms.
Center to center Traverse of the Finger	: 104 ± 3 mm
Counter (Re-settable)	: 0 – 9999, (Least Count : 1)
Size of Test Specimen	: 25 x 5 Cm
Overall Dimension of the Unit	: 640 (L) X 95 (W) X 195 (H) mm
Net Weight of the Unit	: 9.5 kg

7. RELATED STANDARDS

ISO 105
BS 1006
AATCC 8 - 2001
BS - 4655

NOTE : *With our constant endeavour to improve & excel, we reserve the right to alter the specification or modify the appearance without notice.*



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