

digiwASH II Nx™

INTRODUCTION

The Test is intended to determine Color Fastness of Textile material irrespective of their Composition (Cotton, Linen, Silk, Man-made Fibers, Wool) and their Form (Fibre, Yarn or Fabric) to WASHING & DRYCLEANING.

EQUIPMENT

Paramount's digiwASH II Nx™ main body is completely made of mild steel & top is made of stainless steel with digital control panel. The specially designed stainless steel rotating drum in the water bath can accommodate four beakers of 550ml & four beakers of 1200ml made of stainless steel to meet the specification of both ISO & American standards. Two heaters provided for heating the water bath at faster rate. Ergonomically designed digital control panel with time setting & temperature control system.

Main Features of digiwASH II Nx™

1. Latest model to check colorfastness to washing & dry cleaning.
2. Latest Ergonomic design with customer friendly control panel.
3. Temperature can be raised up to 98° C with digital Temperature controller.
4. Inching facility for loading and unloading the beakers.
5. Digital Timer with automatic shut down & audible warning.
6. Four 1200 ml and Four 550m Beakers & 40 rpm of the rotating drum strictly meet both ISO & AATCC standards.
7. Robust steel body gives long life & durability.
8. special silicon gaskets for the beakers having very long life.
9. Supplied with complete accessories including standard detergent and adjacent fabrics.
10. Supplied with calibration & inspection certificates.

digiwASH II Nx™ is supplied complete with below accessories.

Main Unit	: 01 No
S.S Beakers / Pots for testing-As Per ISO Standards(550 ± 50 ml.)	: 04 Nos.
S.S Beakers /Pots for testing-As Per AATCC Standards(1200 ± 100 ml.)	: 04 Nos.
Gaskets – As Per ISO Beakers (Fitted in the Beakers)	: 04 Nos.
Gaskets – As Per AATCC Beakers (Fitted in the Beakers)	: 04 Nos.
Stainless Steel Balls (Pack of 100)	: 02 Pkts.
Sodium Oleate (pack of 30gm) – (For initial testing)	: 01Pack
Measuring Plastic Beaker (500 ml.)	: 01 No.
Standard Adjacent Fabrics – 10 x 4 Cms. (Pack of 100)	: 05 Nos.
Filter Unit – (For taking out the S.S.Balls from the Beaker after testing)	: 01 No.
Sewing Thread Kit	: 01 No.
Fine Scissors – (For Preparing Samples)	: 01 No.
Rubber Tubing (1½ Meters Each) – (For Drain & Overflow valves)	: 02 Nos.
Stainless Steel Clamp – (For Fixing Rubber Tubing)	: 02 Nos.
Stainless Steel Scale for Marking (12 Inch) (To Make Sample)	: 01 No.
Nut Opener – (For AATCC Beaker Tightening & Opening)	: 01 No.
Nuts (For AATCC Beakers)	: 02 Nos.
Square Rods (For Fixing AATCC Beakers)	: 02 Nos.
This User's Manual	: 01 No.
Calibration Certificate (Traceable to NPL)	: 01 No.
Inspection & Conformance Certificate	: 01 No



TECHNICAL DETAILS

Inner dimensions of the Main Bath	: 378 X 525 X 525 mm
Capacity (in liters) of Main Bath	: 44 Liters (Approx.)
Number of Beakers (Test Vessels)	: 08 Nos. (4 for ISO and 4 for AATCC)
Standard Seal for Beakers	: 08 Nos. Special Neoprene Gaskets
Volume of each Beakers As Per ISO	: 550 ^{±50} ml. (4 Nos.)
Volume of each Beakers As Per AATCC	: 1200 ^{±100} ml.(4 Nos.)
Distance from Shaft	: 45 ^{±10} mm
Speed of Rotation	: 40 ^{±2} rpm
Temperature Controller	: PT-100 Type (0-99.9°C)
Temperature Regulation	: ±2.0°C
Timer (Digital)	: 0-99 Minutes, Least Count : 1 Minute
Motor	: ¼ H.P, Single Phase, Geared Motor 230 ± 10% Volts AC, 50 Hz.
Overall Dimensions of the unit	: 840 (L) x 710 (W) x 1220 (H) mm 3' (L) x 29''(W) x 48'' (H) Inch.
Net Weight of the Unit	: 140 Kg (308 lbs)

RELATED STANDARDS

ISO 105
AATCC 61-2001
AATCC – 28-1999, 86-2000, 132-1998
BS EN 20105
MARKS & SPENCER C4, C5 and C37, C49, P3B
BS 1006:1990



Corporate Member



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Indian Standards