

## FABRIC DRAPE TESTER™

### INTRODUCTION

Drape is basically a characteristic of a fabric by virtue of which the hanging or falling quality of fabric's is denoted. Paramount fabric drape tester determines the draping quality of fabrics in numerical form as co-efficient of drape.

### EQUIPMENT

**PARAMOUNT FABRIC DRAPE TESTER™** main body is completely made of Metal sheet. The unit consists of two chambers, bottom Developing Chamber to develop ammonia paper to determine the area covered by the shadow of the test specimen., the top chamber a having a Halogen Lamp fixed at top & a Circular Specimen Support at bottom.. The circular specimen support is made out of cast aluminum and is fixed over a clear acrylic sheet. The sheet is hinged at one end and can be lifted for placing the ammonia process paper for exposure. The paper is kept below the acrylic sheet on a resilient surface so that it is in close contact with the sheet when it is horizontal.

The outside and inside of the apparatus is meticulously finished in beautiful Blue Metallic Paint to give it a corrosion resistant finish.

### SALIENT FEATURES

- Specialized equipment to determine the draping/hanging phenomenon of fabrics in numerical form.
- Smooth precision engineered components for excellent performance.
- 1000W halogen lamp used for exposing the sample to be tested.
- With specially designed developing chamber.
- Supplied with complete instructions to calculate drape co-efficient.
- Complete with all accessories –ammonia paper, template etc.
- Supplied with inspection & calibration certificates.

### Fabric Drape Tester™ is supplied complete with below accessories.

Main Unit	: 01 No.
Halogen Tube 1000 Watts (Fitted inside)	: 01 No.
Specimen Cutting Template (Acrylic) – Dia. 250 mm	: 01 No.
Specimen Pressing Disc. (Fitted inside)	: 01 No.
Complete Roll of Ammonia Paper	: 01 No.
Bottle for Ammonium Hydroxide Solution (Empty)	: 01 No.
Detailed users Manual	: 01 No.
Calibration Certificate (Traceable to NPL)	: 01 No.
Inspection and Conformance Certificate.	: 01 No.



### TECHNICAL DETAILS

Light source	: 1000 W Halogen Tube
Size of specimen support unit	: 125 mm diameter x 60 mm height
Size of test specimen	: 250 mm diameter
Panel Board Dimensions	: 60 x 90 x 140 mm
Size of Acrylic Sheet	: 365 x 380 mm
Size of exposing chamber	: 400 (L) x 400 (W) x 800 (H) mm
Size of developing chamber	: 400 (L) x 400 (W) x 200 (H) mm
Overall Dimensions of the Instrument	: 400 (L) x 460 (W) x 1010 (H) mm 16" (L) x 18" (W) x 40" (H) Inch
Net Weight of the Instrument	: 36.6 kg. (80.52 lbs)

### RELATED STANDARDS

IS 8357 - 1977
BS 5058
DIN 54306
UNI 8279
ERT 9003



Corporate Member



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Member : Bureau of Indian Standards