

## *perspiro*METER II™ (AATCC)

### INTRODUCTION

Dyed & printed Textile fabric & garments stain other materials when comes in contact with the human perspiration either acidic or alkaline. This important property of textiles is evaluated keeping the sample with adjacent fabrics wetted in perspiration solution under pressure. Paramount perspiroMETER II is appropriate instrument for the test according to American standard.

### EQUIPMENT

Paramount perspiroMETER II is completely made of Stainless Steel (Special Grade SS 316) Frame, which accepts Twenty One 115 x 60 mm acrylic separator plates. Twenty Specimen of 100 x 40 mm can be placed between the plates, under a standard load of 10lbs as per AATCC Standard. (Note: A different load for ISO Standard is available, on request). Specially designed Stainless Steel springs compensate the shrinkage, as the specimen dry out.

### SALIENT FEATURES

- Specially designed equipment to determine colorfastness to perspiration.
- Ergonomic latest design with modern aesthetics.
- Smooth precision engineered components for excellent performance.
- Supplied with & 10Lbs dead weight for AATCC standard.
- 20 samples can be tested at a time in a single unit.
- Complete with all accessories – acrylic palates, adjacent fabrics etc.
- Supplied with calibration & inspection certificates.

### perspiroMETER II (is supplied complete with below accessories.

Main Unit Made of Stainless Steel (Special Grade 316)	: 01 No.
Calibrated Dead Weight Made of Stainless Steel, (Grade 316)	: 01 No.
Acrylic Separator Plates (For both units)	: 21 Nos.
Standard Adjacent Fabrics (Pack of 100)	: 02 Pkts.
Dust Cover	: 01No.
This User's Manual	: 01 No.
Calibration Certificate (Traceable to NPL)	: 01 No.
Inspection & Conformance Certificate	: 01 No.



### TECHNICAL DETAILS

Frame Construction	: Stainless Steel Grade (316)
Load on the Test Specimen (As per AATCC)	: 10 lbs (4535 Gms.)
Size of Test Specimen	: 100 mm x 40 mm
Size of Acrylic Separator Plates	: 115 mm x 60 mm
Number of Separator Plates	: 21 Nos.
Dimensions of the	: 225 (L) x 72 (W) x 182 (H) mm 9" (L) x 3" (W) x 7" (H) Inch.
Net weight of the	: 8.3 kg. (Approx) (18.26 lbs)

### RELATED STANDARDS

AATCC 15 - 2001

### REFERENCE STANDARDS

BS 1006  
 ISO 105  
 BS - 4655  
 MARKS & SPENCER C8



**AATCC**  
CORPORATE MEMBER



**Patron Member**



**Member Bureau of Indian Standards**