

TECHINCAL DETAILS

OF

*lab*WHIRLING[™] (Hygrometer)

1. INTRODUCTION

While undertaking the testing on textiles (In any form: Fiber, Yarns or Fabrics) it is important to know the temperature as well as relative humidity as both the factors have direct impact on the test results. Lab Whirling Hygrometer is an economical equipment to determine the temperature & relative humidity instantly at any place.

2. EQUIPMENT

Paramount lab whirling Hygrometer is completely made of wooden material with plastic handle for revolving. Wet & Dry bulb thermometer is provided to evaluate the Dry Bulb temperature & the difference of dry & wet bulb temperature for accessing Relative Humidity from the Hygro chart. Specially designed small water tank is provided to keep the dry bulb always wet.

5. SALIENT FEATURES

- To evaluate relative humidity in side the lab or works.
- Evaluation based on wet & dry bulb temperature.
- Hygro chart supplied with this to evaluate the relative humidity.
- Portable & whirling type to take the reading of any particular place instantly.
- Specially designed with stylish look.
- Duly packed in a bag for safety transportation.
- Supplied with inspection & calibration certificates.



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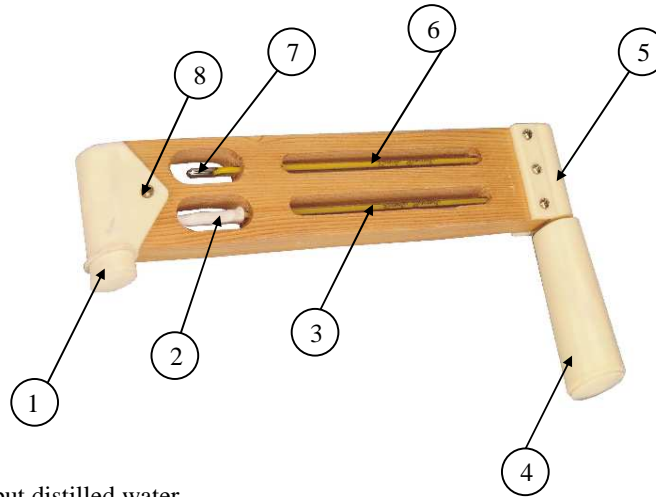


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4. DETAILS OF THE MAIN UNIT OF labWHIRLING™ (Hygrometer)



1. Unscrew to put distilled water.
2. Wick to wet the thermometer bulb.
3. To take wet temperature reading.
4. Handle to revolve the unit (Fan the bulb).
5. Revolving axis.
6. To take dry temperature reading.
7. Bulb of the dry thermometer.
8. Cistern (Distilled Water Unit).

5. DETAILS OF THE ACCESSORIES SUPPLIED WITH labWHIRLING™ (Hygrometer)



Main Unit



Dust Cover



Conversion Table of Relative Humidity



This User's Manual



Calibration & Inspection Certificate



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labWHIRLING™ (Hygrometer) is Supplied Complete with below Accessories:

Main Unit	: 01 No.
Dust Cover	: 01 No.
Conversion Table of Relative Humidity	: 01 No.
This User's Manual	: 01 No.
Inspection & Conformance Certificate	: 01 No.

6. TECHNICAL DETAILS OF **labWHIRLING™ (Hygrometer)**

Glass Thermometer	: Two Nos. a) One for Dry Temperature Reading. b) Stand for Wet Temperature Reading.
Range (Both Thermometer)	: 0 - 50°C 0 - 120°F
Water used	: Distilled water only.
To wet the bulb for wet bulb thermometer	: Cotton wick
Overall Dimensions of the unit	: 241 (L) x 139 (W) x 25.4 (H) mm
Net weight of the unit	: 0.145 kg. (0.319 lbs)

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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