

TECHINCAL DETAILS

OF

LAB HYGROMETER (WET & DRY)

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. Wet & Dry Hygrometer is a simple equipment to determine the temperature & relative humidity instantly at any place.

2. EQUIPMENT

The equipment should be hung on wall with the help of self-threaded screw (ϕ 4 mm – 1 Nos.) provided with the unit. The unit hung in a shaded position with a steady flow of air around the mercury bulbs. For outdoor use, a ventilated screen of the Stevenson type is recommended.

NOTE: Fill the Water Tank always with distilled water or clean rain water to avoid the wick becoming clogged with impurities. The wick should be changed regularly to ensure a constant flow of moisture to the wet bulb.

3. SALIENT FEATURES

- Specialized equipment 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 & wall hanging type to hang anywhere.
- Duly packed for safety to ease in transportation.
- Supplied with Inspection & Conformance Certificate.



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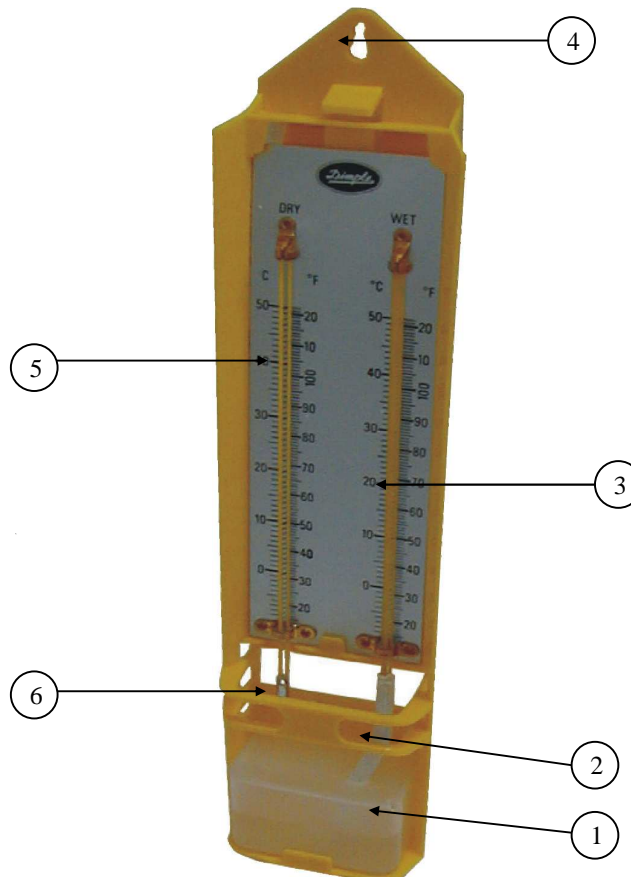


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4. DETAILS OF THE MAIN UNIT OF LAB HYGROMETER (WET & DRY)



1. Distilled Water Tank Unit.
2. Wick to Wet the Bulb of Temperature.
3. Wet Bulb Thermometer.



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4. Slot to Hang the Unit.
5. Dry Bulb Thermometer.
6. Bulb of Thermometer.

5. DETAILS OF THE ACCESSORIES SUPPLIED WITH LAB HYGROMETER (WET & DRY)



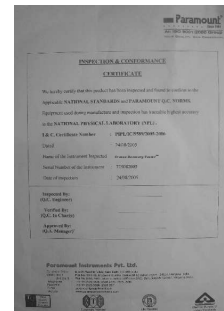
Main Unit



Conversion Table of Relative Humidity



This User's Manual



Inspection & Conformance Certificate



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LAB HYGROMETER (WET & DRY) is Supplied Complete with below Accessories:

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

6. TECHNICAL DETAILS OF LAB HYGROMETER (WET & DRY)

Capacity of Dry Bulb	: -10 to 50° C or 5° F to 120° F
Capacity of Wet Bulb	: -10 to 50° C or 5° F to 120° F
Dimensions	: 184(L), 5(W), 330(H)mm 7.25(L), 2(W), 13(H) inch
Weight	: 125gms



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