

Lab Thermo Hygrograph(New Model)

INTRODUCTION

In a Quality Control Lab it is important to know the Temperature & Humidity at a given time so as to verify the condition at which the test has been undertaken in the lab. There are various Instruments available which can measure the Temperature and Humidity in the lab at a given time. **Lab Thermo Hygrograph (New Model)** is the most reliable & accurate equipment for this purpose.

Paramount **Lab Thermo Hygrograph (New Model)** is an advanced version of recording the temperature & humidity on continuous basis. It simultaneously records the constant change in the atmospheric temperature and relative humidity conditions. It is an ideal equipment for textile labs in which the items to be tested like cotton etc are highly hygroscopic in nature.

EQUIPMENT

Paramount **Lab Thermo Hygrograph (New Model)** is an ergonomic equipment, which is completely made of fibre with a revolving drum over which graph paper is wrapped. Two specially designed finger with pen at tip to plot the graph on the graph paper roll. A bi-metal strip is there to sense temperature & the change in curvature of the bi-metal strip with temperature is magnified with special mechanism to plot on graph paper. A defatted animal hair is incorporated to sense the change in humidity. Similarly as temperature, humidity is also plotted on the graph paper. It has an exclusive feature of operating it on a Daily or Weekly mode just by the press of a button.

SALIENT FEATURES:

- Latest Technology Equipment with modern aesthetics.
- Used to record the humidity & temperature on daily or weekly basis.
- It draws 2 cures: one for temperature & other for humidity.
- It can record humidity & temperature in daily mode or weekly mode just by the press of a button.
- Supplied with 55 graph papers for weekly recording & 370 graph paper for daily recordings.
- Built-in quartz clock drive to minimize time errors.
- Portable unit, which can be placed on the table or hung on the wall.
- Easily calibratable equipment ensures accuracy & repeatability.
- Animal Defatted has used to record humidity & bimetal strip used for sensing temperature.
- Supplied with inspection & conformance certificates.

Lab Thermo Hygrographs™ (New Model) is supplied complete with below accessories.

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| Main Unit | : 01 No. |
| Graph Papers (Weekly Chart)(For 55 Weeks) | : 55 Nos. |
| Graph Papers (Daily Chart) | : 370 Nos. |
| User's Manual | : 01 No. |
| Inspection & Conformance Certificate | : 01 No. |



TECHNICAL DETAILS

Item	Measuring Range	Testing Range	Graduation	Accuracy	Reaction Sensor
Temperature	-15-+40°C	-15-+40°C	1°C	± 1° C	Bi-metallic Coil
Humidity	0-100%	30-100%	1 %	± 5%	De-fatted Hair
Record Time	7 Days	7 Days	1 h	± 30 mm	Quartz Clock
	1 Days	1 Days	15 min.	± 5 min.	



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