Email : sales@scilabexport.com
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Product Name :

Digital Hygrometer - Thermometer

Product Code :

SCL1235/015



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Description :

Digital Hygrometer - Thermometer (Product Code: SCL1235/015) is a digital device for measuring humidity and temperature, equipped with a measuring probe so that readings can be taken both inside and outside. It covers temperatures from -10 °C to +40 °C and relative humidity from 20-25% up to 80-95%, in a compact 20x100x150 mm body with the battery included. Made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, it is one of the simple digital measuring instruments in India's school labs that students can read at a glance.

Specifications

Parameter	Detail
Type	Digital hygrometer and thermometer
Measures	Relative humidity and temperature
Temperature range	-10 °C to +40 °C
Relative humidity range	From 20-25% to 80-95%
Probe	Measuring probe for both inside and outside readings
Dimensions	20x100x150 mm
Power	Battery included

Typical Use

A class weather project is the classic use: students record indoor conditions on the display and outdoor conditions through the probe at the same time each day, then plot how temperature and humidity change with the weather and the season. The readings feed discussions on evaporation, why washing dries slowly on humid days, dew and human comfort. In biology the instrument checks conditions around germination trays or potted plants in transpiration work, and laboratory staff use it to keep an eye on humidity where hygroscopic chemicals or balances are stored.

After moving the unit from one room to another, allow the reading to settle before recording it. Keep the probe out of direct sun and rain for true air readings, stay within the stated temperature range, and replace the battery when the display becomes faint. As a practical addition to an environmental science kit for schools, it gives students real data rather than textbook values.

Manufacturer

ScienceLab, the trading name of Jain Scientific Equipments Private Limited in Ambala, Haryana, offers this instrument alongside its thermometers, barometers and other measuring apparatus for teaching laboratories. Company background is on the profile page.

Related Lab Equipment

Instruments that complete a school weather station or climate study: