

Product Name :
Air Humidity Measurement Trainer

Product Code :
NLAB-ENGINEERINGLB56003



Description :

Air Humidity Measurement Trainer

Technical Specification :

Different Measuring Methods For Measuring Humidity

Climatic Chamber With Adjustable Humidity And Transparent Door

Humidification Via Ultrasonic Atomiser

Dehumidification Via Peltier Cooling Element

Fan For Air Recirculation

2 Mechanical Instruments: Psychrometer, Hair Hygrometer

2 Electronic Instruments: Capacitive Sensor, Hygrometer With Synthetic Fibre And Combined Temperature Sensor

Technical Data

Humidifier

Ultrasonic Atomiser

Power Consumption: 21,6w

Low Water Cut-Off

Dehumidifier

Peltier element

cooling capacity: 56,6W (50°C ambient temperature)

cooling surface: 1.600mm²

Hair hygrometer with deflective needle

measuring range: 0...100% r. h.

Hygrometer with synthetic fibre

output voltage: 0...10V

measuring ranges: 0...100% r. h. / -30...80°C

Capacitive sensor with digital display

output voltage: 0...10V

measuring range: 1...100% r. h.

Psychrometer with thermometer

measuring range: -10...60°C, graduation: 0,5°C

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