

ASSMANN PSYCHROMETER

Code 196C



Equipment for the accurate measuring in a few minutes of the environmental temperature and relative humidity (RH%). It is suitable to perform “continuous measurements”. The Assmann Psychrometer consists of two thermometers (one with wet and one with dry bulb) and a fan system for the air flow.

The full instrument is composed by: Assmann Psychrometer, 2 x 1,5V batteries, 20 cotton gauzes for the wet bulb, portable case, distilled water tank and converter for the determination of the relative humidity (RH%).

A calibration report can be provided for this device.

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TESTING MODE

Vertically position the equipment in the room where the measuring has to be made. Fill the tank with distilled water and then wet the gauze wrapping the wet bulb.

Turn the fan on and after 2-3 minutes the measuring of the dry and wet bulb can be made; convert the two values with the converter and determine the percentage of the air relative humidity (RH%).

TECHNICAL FEATURES

THERMOMETERS

- Two mercury thermometers.
- Measuring range: from 0°C to 50°C.
- Scale division: 0.2°C.
- Accuracy : $\pm 0.2^{\circ}\text{C}$.
- Length: 30cm.



EQUIPMENT:

- Air flow speed: between 3m/s and 5 m/s.
- Power supply: 3V DC.
- Dimensions: 452X80X110 mm.
- Net weight: 1.5Kg.

ACCESSORIES

- Kit of 20 garzes for the thermometer bulb wetting. **Code 196 2.**
- Calibration report.