

Thermohygraph

Instrument to read the environmental temperature and air relative moisture percentage (RH%). The results are printed on a special diagram paper fitted on a rotating cylinder.

User-friendly and suitable for industrial and meteorological use, for the control of textile and chemical conditioned environments, storehouses, ...

This thermohygraph uses a weekly diagram paper sheet.

Replacing a simple device supplied with the instrument, it is possible to change from weekly to daily reading, increasing the reading accuracy.

The instrument has limited dimensions and weight which make it easy to be transported.

The cylinder rotating movement is 1,5V battery powered.



Operating instructions

The instrument is placed in the working environment (far from any direct heating source and from any draught) after removing the transport securities.

After about 30 minutes to stabilize in the new environment, the lines drawn on the diagram paper show the state of temperature and relative moisture.

Technical specifications

Cover

Inox steel AISI 304

Element sensitive to temperature

Two-metal leaf type "Bourdon" to reduce the writing pen hysteresis

Element sensitive to moisture

a bundle of specially prepared hair

Moisture measuring range

From 0°C tot 40°C (tolerance: +/- 1,5%)

Relative moisture measuring range

From 0% to 100% (tolerance: +/- 3 % from 0% to 40% and +/-5% from 40% to 100%)

Time reading

Quartz clock, 1,5V battery powered

Cylinder

Daily or weekly rotating

Physical specifications

Cylinder diameter

93 mm (188 mm height)

Dimensions

275 x 140 x 240 mm

Weight

3,5 kg

Supplied accessories

- No. 1 battery, 1,5V
- No. 2 ink pens (already fitted on the instruments + No.2 spare ink pens
- No. 52 weekly diagram paper sheets

Optional accessories

- Writing ink pen
- No. 52 weekly diagram paper sheets
- A specially prepared bundle of hair (to read relative moisture)
- Calibration report