

# thermohygrograph

## thermohygrograph model 3.015

De thermohygrograph 3.015 for recording ambient temperature and humidity is designed for scientific, teaching and industrial applications. The instrument is also popular with weather watchers for its reliability and accuracy. When placing the instrument outdoors, the thermohygrograph has to be placed in a radiation screen. For measuring indoor conditions the instrument must be placed on a undisturbed place, not in solar radiation or nearby a heating system.

Ambient temperature and humidity will be recorded at the same time on the same registration paper. Temperature will appear on the upper part and humidity on the lower part of the paper. Temperature sensor is a high-grade bimetal that is recording temperatures on the drum through a pointer mechanism. The humidity sensor is a harp of six hair bundles stretching or shrinking during the changes in humidity. The openings in the casing of the instrument provide free air movement around the sensors and a quick response.

The drum is driven by a quartz clock. By moving the gears in the drum the speed can be changed in day, week and month rotation.

The case is made of white coated aluminium die casting and removable upper part with crystal-clear Macrolon panoramic hood. All parts have been manufactured from corrosion-resistant materials.

### standard accessories

- 1 pack registration paper week rotation (100 vel)
- 2 spare fiber pens



### technical specifications

#### temperature

model 3.015/1	range	-35..+45 °C
	shale	1 ° per scale mark
model 3.015/3	range	0 .. +40 °C
	scale	0,5 ° per scale mark

#### specifications for both types:

##### temperature

sensor	bimetal strip
accuracy	1,5%

##### % humidity

range	0...100 %RH
sensor	hair bundle
accuracy	2,5%
scale	1% per scale mark

drum rotation time	(switchable) day, week and month rotation
dimensions	280 x 260 x 140 mm-
weight	2,5 kg
dimensions registration paper	300 x 182 mm

made to measure

