

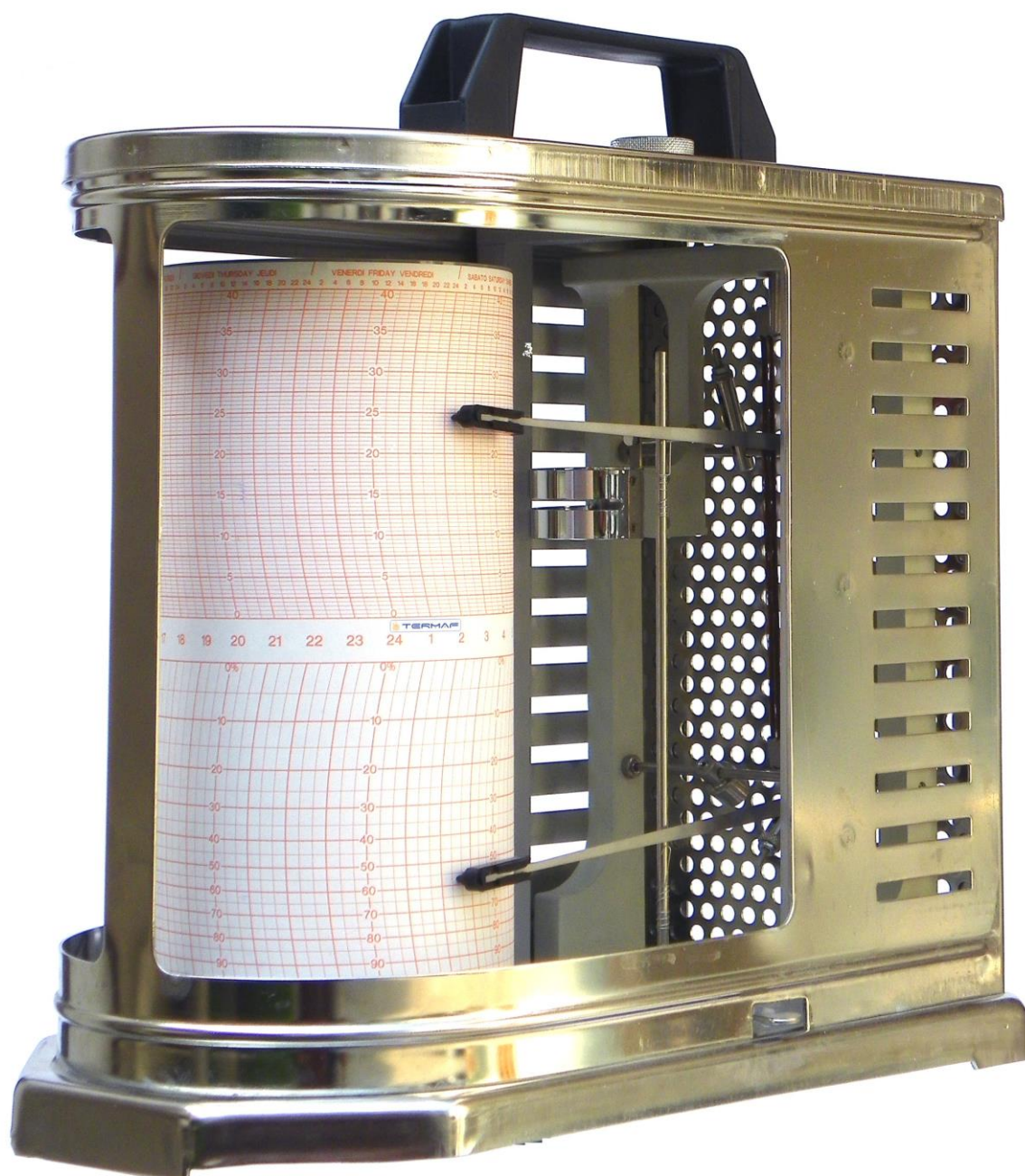
THERMO-HYGROGRAPH TIT/01

GENERAL DESCRIPTION

The thermo-hygrograph TIT/01 is a temperature and air humidity portable drum recorder. The temperature and humidity recorder occur simultaneously by pens on chart wrapped around the drum.

The rotation and recorder can be daily or weekly, mechanical or battery.

For a correct recorder, make sure that there's an adequate air circulation and that the instrument isn't exposed to direct sunlight or radiant heat sources.

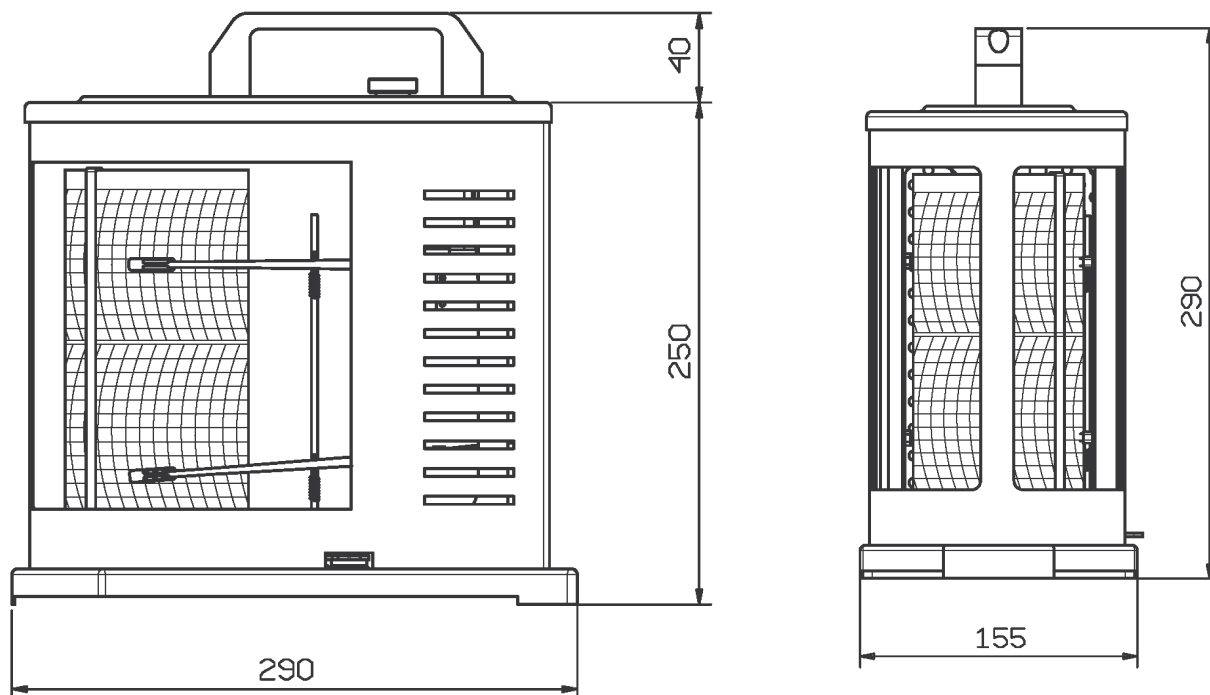


di Gemini G. e Gozzini Obizio snc

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DIMENSIONS



Dimensions in mm

TECHNICAL SPECIFICATION

Humidity measuring element: Natural hair bundles

Humidity accuracy: $\pm 3\%$ from 20 to 100% U.R.

Temperature measuring element: Bimetallic strip (Bourdon type)

Temperature accuracy: Class 1 according to EN 13190

Ambient temperature: $-20^{\circ}\text{C} + 50^{\circ}\text{C}$

Clockwork: Spring-loaded Mechanical, battery (AA-LR6) 1.5V with quartz movement

Chart: Sheet chart wrapped around the clockwork drum, chart speed 10 mm/h set to daily rotation.

Available roll chart for monthly recorders

Window: Plexiglass

Writing system: Synthetic fibre pen ink-filled easy to replace with an autonomous writing of 150 m.

Case and lid: 304 polished stainless steel at high weatherproof and industrial smokes-resistant. Available also oven-fire white painted

Weight: 2800 g about



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CLOCKWORK AVAILABLE

Battery 1,5 V. daily (29h20') - weekly (176h)
Battery 1,5 V. 3 daily (29h20') – weekly (176h) – monthly (744h)
Battery 1,5 V. daily (29h20') - weekly (176h) operating temperature -35°C
Mechanical daily (29h20') – weekly (176h)
Mechanical speed 5 mm/h for roll chart

STANDARD RANGE SCALES

SHEET CHARTS DAILY-WEEKLY
-35+45°C 0-100% U.R.
-15+65°C 0-100% U.R.
-15+45°C 0-100% U.R.
-20+60°C 0-100% U.R.
0+40°C 0-100% U.R.

SHEET CHARTS MONTHLY
-10+50°C 0-100% U.R.
-15+65°C 0-100% U.R.
-15+45°C 0-100% U.R.
0+40°C 0-100% U.R.

ROLL CHARTS
-35+45°C 0-100% U.R.
-15+65°C 0-100% U.R.
-15+45°C 0-100% U.R.
-20+60°C 0-100% U.R.
0+40°C 0-100% U.R.



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