

METEOROGRAPH MTT/08 气象仪MTT/08

概述

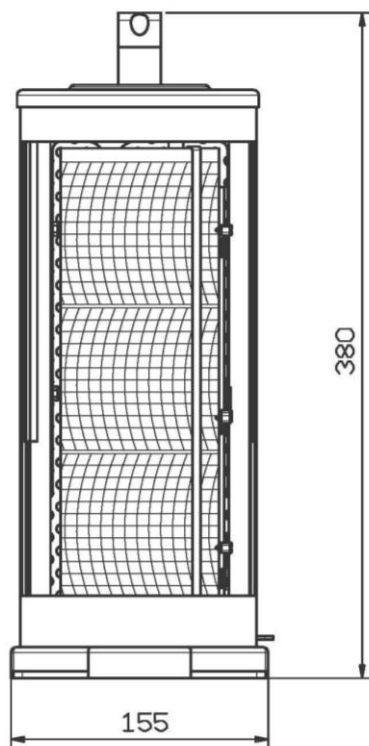
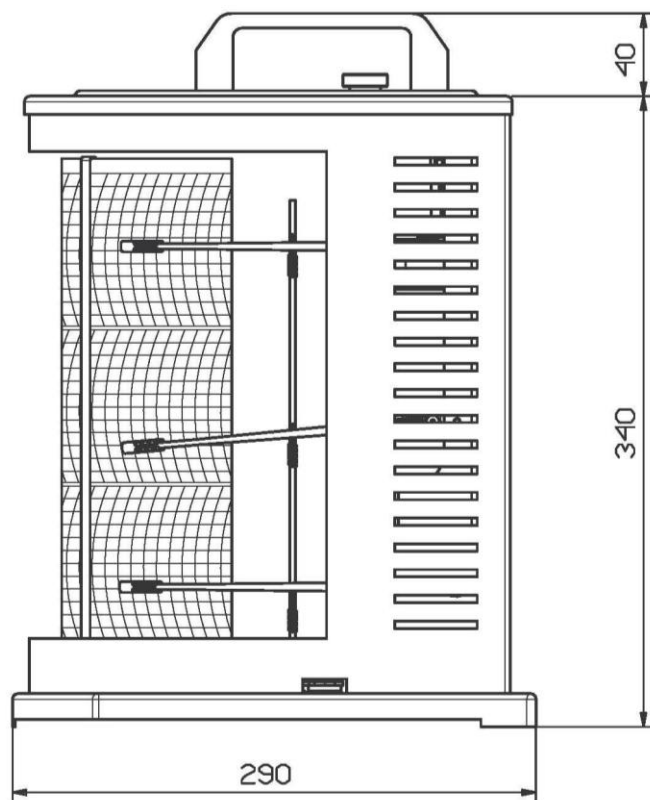
The meteorograph MTT/08 is a portable recorder suitable for simultaneous atmospheric pressure, temperature and air humidity records. The simultaneous record of the three sensing elements make this instrument a small weather station. The recorder occurs by a pen on chart paper wrapped around the drum rotated by a clock work. The rotation and recorder can be daily or weekly, mechanical or battery. The aneroid capsules, the atmospheric pressure sensing element, are properly joint for providing a thermal insulation in order to guarantee an accurate record. The temperature sensing element is the bimetallic strip (Bourdon type) studied for reducing rapidly the hysteresis phenomenon. The humidity sensing element is formed by natural hair bundles carefully treated. For a perfect measurement, make sure that the meteorograph MTT/08 is placed on a stable surface.



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尺寸



单位：毫米



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技术参数

湿度测量元件

Natural hair bundles

湿度精度

± 3% from 20 to 100% U.R.

温度测量元件

Bimetallic strip (Bourdon type)

温度精度

Class 1 according to EN 13190

气压测量元件

5 phosphor bronze aneroid capsules (chromed)

测量精度

Class 1.6 according to EN 837-3

环境温度

-10°C + 60°C

发条

Spring-loaded mechanical, battery (AA-LR6) 1.5V with quartz movement

图表

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

表玻璃

Plexiglass

书写系统

Fibre synthetic pen ink-filled easy to replace with an autonomous writing of 150m

表壳和盖

304 polished stainless steel at high weatherproof and industrial smokes-resistant.

Available also oven-fire white painted

重量

3000g about



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可选发条

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

标准测量范围

SHEET CHARTS DAILY - WEEKLY
-35+45°C - 0-100% U.R. - (*) pressure /vacuum
-15+65°C - 0-100% U.R. - (*) pressure /vacuum

SHEET CHARTS- WEEKLY
-15+65°C - 0-100% U.R. - 620-700 mm/hg
-15+65°C - 0-100% U.R. -730-790 mm/hg

(*) Barometric pressure range scales filled in function of altitude.



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