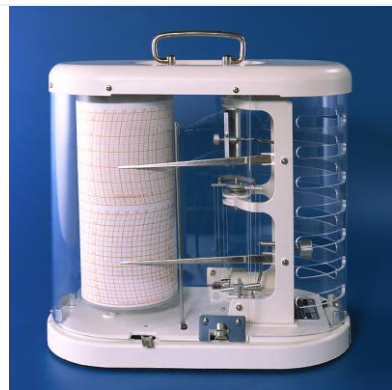


The temperature and the humidity are two fundamental variables in meteorology, micro-climatology and in several industrial developments. The survey of these parameters allows optimizing numerous production steps, to guarantee an optimal comfort climate in public buildings (as hospitals, schools, theaters) and to preserve the wealth of the heritage in museums, painting galleries and libraries and to manage stocked goods in warehouses and food in super-markets.

Recording of temperature and relative air humidity

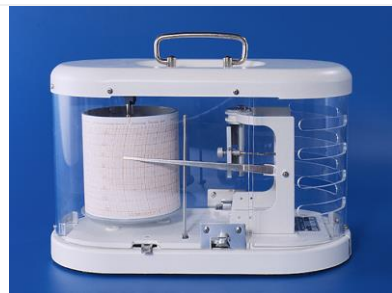
Overview			
Type	Clockwork	Measuring element	Measuring range



Thermohygrographs

This thermohygrograph is considered as a simple, accurate and reliable instrument for the measurement and simultaneous record of ambient temperature and relative humidity, working independently from any external power source.

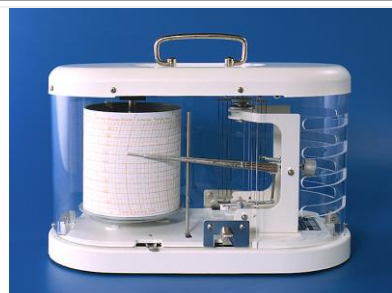
425	mechanical 1d, 7d	Bimetal / Hair	-35...+45 °C / 0...100 %
425S	mechanical 1d, 7d	Bimetal / Hair	-15...+65 °C / 0...100 %
425QS	electronical 1d, 7d, 31d	Bimetal / Hair	-15...+65 °C / 0...100 %
426Q	electronical 1d, 7d, 31d	Bimetal / Synthetic fibers	- 5...+55 °C / 0...100 %



Thermographs

The thermograph still is for many applications a very efficient and reliable instrument allowing with a quick set-up in order to record in an autonomous way the behavior of the air temperature, be it inside or outside in a meteorological screen.

525	mechanical 1d, 7d	Bimetal	-35...+45 °C
525S	mechanical 1d , 7d	Bimetal	-15...+65 °C
525QS	electronical 1d ,7d ,31d	Bimetal	-15...+65 °C



Hygrographs

The measurement and recording of the relative humidity of the air remains being a rather difficult task to be efficiently accomplished. The pure mechanical transmission of this measurement based on hair or synthetic fibers are unequaled in their reliability and longevity.

325	mechanical 1d, 7d	Hair	0 à 100 %
325Q	electronical 1d, 7d, 31 d	Hair	0 à 100 %
326Q	electronical 1d, 7d, 31d	Synthetic fibers	0 à 100 %

Technical data Thermohygrographs, Thermographs, Hygrographs

Measuring element for temperature

- Bimetal	-35...+45 °C	±0,5 K
- Bimetal	-15...+65 °C	±0,5 K
- Bimetal	- 5...+55 °C	±0,5 K

Measuring element for relative humidity

- Hair	0...100 % HR	±3 % (20...100 % HR)
- Synthetic fiber	0...100 % HR	±3 % (20...100 % HR)

Clockwork

Mechanical clockwork for drum as for DIN 58658
- Commutable rotation time : daily 25,6 h., weekly 176 h.
- Autonomy : 1 week
- Electronical quartz clockwork
- Commutable rotation time : daily 25,6 h., weekly 176 h., monthly 783 h.
- Autonomy 12 months with type LR6 battery

Recording drum

- Materiel : PVC
- Materiel diagram - clips : brass (chromed)
- Diameter 93,3 mm
- Height 93 mm (Thermographs, Hygrographs), 186 mm (Thermohygrographs)
- Registration height 80 mm per measuring range
- Graduation on diagram 1 °C and 5 % RH.

Material

- Transmission system	Brass (chromed), axes made of steel (chromed)
- Bracket for measuring system	Cast aluminum with white color layer
- Ground plate	Cast aluminum with white color layer
- Upper part of housing	Chromed steel X5CrNi1810, corrosion proof, with white color layer
- Windows	Transparent PVC scratch proof

Overall dimensions

- Thermographs/Hygrographs	Length 290 mm / Width 145 mm / Height 190 mm
- Thermohygrographs	Length 290 mm / Width 145 mm / Height 260 mm

Accessories (included)

- 60 diagram papers for weekly rotation or 13 diagram papers for monthly rotation
- 1 fiber tipped pen (Thermographs, Hygrographs)
- 2 fiber tipped pens (Thermohygrographs)
- Battery Type LR6 (electronical clockwork)
- optionally : lockable housing