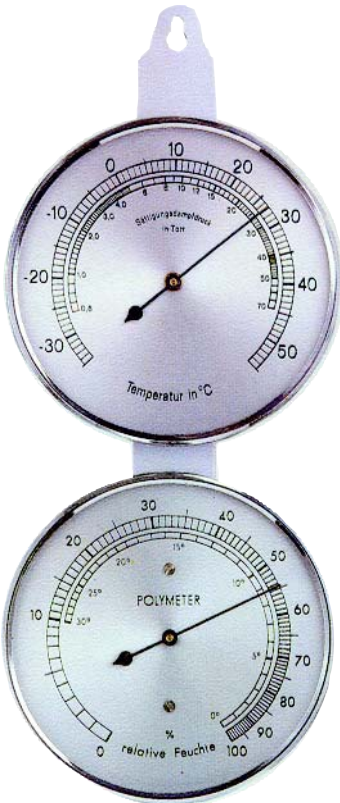
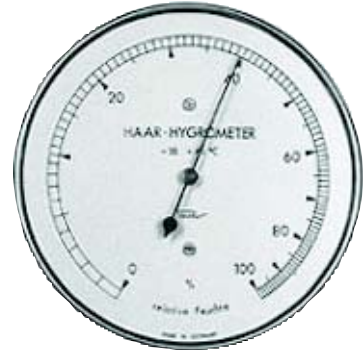


poly and hygrometers

hair hygrometers

These hair hygrometers distinguish themselves by their high accuracy and their fast response to changes in humidity. The measuring element is made of human hair with a special treatment. The advantage of a hair element is that the element still has a fast response at very low temperatures. Because of that feature these instruments are appropriate for outdoor measurements. Accuracy from 20 to 100% and below 20%: $\pm 5\%RH$. The hair hygrometers can be used at temperatures from $-40^{\circ}C$ to $+70^{\circ}C$. The influence of temperature is compensated by a bimetal.



precision hygrometer model 111

casing	silver painted zilverkleurig
ring	chromed
dial	matt silver fotofinish
diameter	103 mm
weight	150g

built-in hygrometer model 111a

with mounting flange	diameter 120 mm
model	identical to model 111

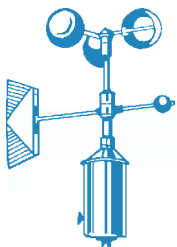
precision polymer model 118

This polymer, a combination of a hair hygrometer and a dial thermometer, can be used for measuring and reading of air temperature, relative and absolute humidity, vapour pressure and dew point. The measuring system for temperature is equipped with a good quality bimetal.

length	240 mm
weight	280g
model	identical aan model 111

calibration

Wrap the hygrometer in a wet cloth, at a room temperature of $\pm 20^{\circ}C$. Wait approximately half an hour and calibrate full scale (100%RH) with the setscrew at the bottom of the hygrometer. Accuracy of the temperature meter is $\pm 1^{\circ}C$.



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made to measure