

## Important: Adjust the barometer before use!

### The barometer has to be adjusted first to your local altitude.

Ask for the present atmospheric pressure of your home area (Local weather service, www, optician, calibrated instruments in public buildings, airport). Carefully turn the adjusting screw to the right using a small screw-driver until the pointer value coincides with the actual atmospheric pressure.

Do not turn the barometer movement too far! Better precision can be achieved by lightly tapping the barometer glass after adjustment has been made.

### Thermometer and hygrometer have been adjusted in the factory.

For readjustment compare the indicated value with a well-calibrated instrument.

Pointer movements can be corrected by carefully turning the adjusting screw at the back.

To regenerate the hygrometer wrap the instrument once a year in a moist piece of cloth for 30 min.



### How the barometer works:

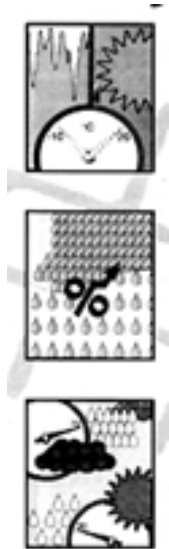
The barometer measures the atmospheric pressure in hekto-pascal (hPa), Millibar (mb) or inch (in). The atmospheric pressure corresponds with the weight of the surrounding air masses and depends on the weather situation and the local altitude.

The observation of the changes in atmospheric pressure allows you to weather forecast.

Simply mark the current air pressure with the movable needle and observe the changes:



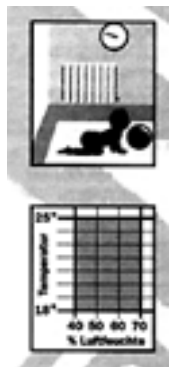
Increase	Fine weather
Rapid increase	Short period of fine weather
decrease	Bad weather
Rapid decrease	Thunder and storm



### Thermometer and hygrometer

The thermometer measures the temperature in degree Centigrade or Fahrenheit. By controlling the indoor temperature you simply feel better and save heating costs, up to 6% by one degree less temperature. The hygrometer measures the relative humidity of air. Dry air around your house is bad for your health, but also plants, wooden floors and antique furniture will suffer, too. The right temperature and air humidity are different depending on the use of the room:

Staircase	15 °C	40 – 60 %
Bedroom	16 – 18 °C	50 – 70 %
Kitchen	18 °C	50 – 70 %
Living-room	20 °C	40 – 60 %
bathroom	23 °C	50 – 70 %



Used outside you get information about the weather situation.