

## Wind measuring station

In order to estimate the planned power of a small wind turbine, it is useful to measure the wind conditions at the position of the hub at the planned location over a longer period. As this data should

to be collected for at least one year, a continuous measurement supplies more reliable data than a short period measurement from 3 to 6 months and statistical projection.

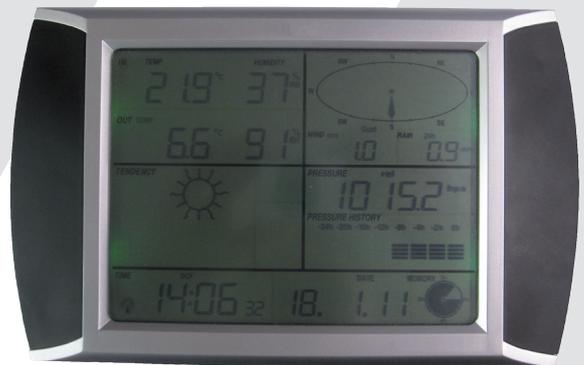
## Weather station with touchscreen

The Manfred Lehner wind measuring station consists of a weather station and accessories. The weather station with 5 sensors detects wind speed, wind direction, temperature, humidity and

the amount of rainfall. A variable alarm function, a USB interface, analysis software, a solar panel and a battery for power supply for the transmitter/transfer frequency: 868 MHz.



Weather station



Display 146/110mm

The weather data is sent to the main station over up to 100 meter through a radio signal. The power supply for the transmitter is accomplished through a solar panel and a battery. With the newly developed touchscreen display it is very easy to retrieve the weather data through simply tapping the display. With the USB interface and USB cable the weather data can be transferred to a PC or laptop. All this data is provided with a timestamp and can still be assigned at a later stage. On a PC or laptop unlimited amounts of weather data can

be stored. The provided analysis software enables you to observe and compare the weather over a longer period using the charts and graphics. The weather station allows for precise detection of wind speed, wind direction, temperature, humidity and amount of rainfall. Additionally various alarm functions can be activated on the weather station (wind speed, barometric pressure, etc.). Everything you'll need for activation and use of this weather station comes in the package.