

# Wind Measuring Instrument

Instruction for Use 4.3019.21.000



## 1. Range of Application

The simple, portable measuring instrument indicates the wind direction. It consists of a mechanical wind vane with telescope tripod. The integrated compass serves for the north alignment.

The measuring instrument is housed in a carrying case for on-the-spot operation.

## 2. Technical Data

**Wind Measuring Instrument Order-No. 4.3019.21.000**

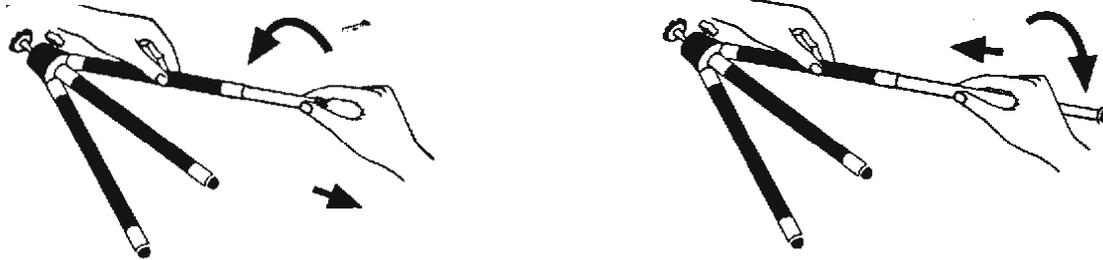
Measuring range	: 0 ... 360 °
Graduation	: N - NW - W ... N 10°
Alignment	: with a compass
Stand	: 28 to 115 cm telescopic
Weight	: 0,6 kg

### Carrying Case

Dimensions	: 395 x 285 120 mm
Weight	: 0,4 kg

### 3. Set-Up of the Wind Direction Measurement Instrument

The first step is to set up the tripod.



**Open:**

Take hold of the rubber caps and slowly pull out the tube (don't twist it towards the side!) Turn the upper tube near the covered rivet click into place.

**Close:**

Turn the upper tube towards the right and then from the middle push it halfway in at first and then completely in. Never close the column with one jerky motion.

Release the stop screw and screw the ball end of the tripod to the base plate of the compass.

Align the compass to North and when the stand is upright, secure the axis with the stop screw to prevent it from turning.

Then insert the guide column of the wind vane over the axis.

The pointer of the wind vane (marked in red) indicates current wind direction on the wind rose.



In order to avoid a static charge it is advisable to clean the compass from time to time with a soft cloth and the attached antistatic agent.

(In case of static charge the compass needle "sticks" at the case)

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