

The **ALGE** Windspeed WS2 works with a newly designed miniaturized calorimetric mass flow sensor that allows to make faster and more accurate wind measurements as previous anemometers.



The miniaturized calorimetric mass flow sensor features an excellent dynamic. Based on the small masses of sensors involved and the ambience thermally effected for the measurement, time constants of below 1 ms can be reached depending on the used media.

The optimal design of the wind sensor and the fast reaction time for a measurement make sure that no wind deviation can occur between measurements. For track and field measurements take up to 13 seconds. The more measurements are made during this time, the more accurate the result.

The WS2 does not use mechanical parts. Therefore a new adjustment is not necessary since the measuring parts keep their specifications during their service life. Moreover, neither humidity nor unstable temperature conditions influence the device.

The WS2 has a rugged design. If it tips over, it does not need a new calibration.

The WS2 can be connected with the Terminal Timy3 W by cable or radio.

Using the radio solution the Timy3 W has the radio built in and on the anemometer side you need a Wireless Timing Network WTN-WS. Here you connect the WS2 and the display board.





Anemometer WS2:
To measure the wind speed for running races or long jump.

Wireless Timing Network WTN-WS:
To use the anemometer WS2 and display board with radio connection.

- Frequency: 2.5 GHz Band (16 frequencies)
- Power output: 10 to 100 mW adjustable
- Distance: up to 350 m

Cable Reel KT245Z10:
with 100 m cable between WS2 and Timy Terminal



Terminal Timy3 W:
To operate the anemometer. It shows the measuring results and it allows to connect to the OPTIc PC (Photofinish) to run the anemometer remote-controlled by the photofinish system. With the radio module WTN-WS it is possible to operate the anemometer system by radio. Additionally, this device is a full timing device, perfect for training!

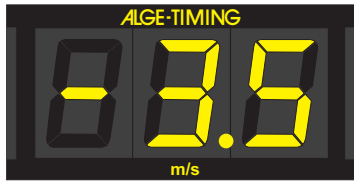
Tripod TRI128:
To mount the anemometer, comes together with an adapter to set it in the correct height of 1.22 m

You can get different anemometers sets:

- Anemometer WS2-TY**
- Anemometer WS2
 - Terminal Timy3 W
 - Tripod TRI128
 - Tripod -adapter
 - Cable reel KT245Z10 (100 m cable)

- Anemometer WS2-TY-W**
- Anemometer WS2
 - Terminal Timy3 W
 - Wireless Timing Network WTN-WS
 - Tripod TRI128
 - Tripod-adapter

- Accessory**
- Case with foam insert
 - Display board
 - Terminal Timy3 WP with printer



Display Board:
Accessories that allow to show the wind speed to the athletes and spectators. Display boards are available in different technologies and with different figure heights.

