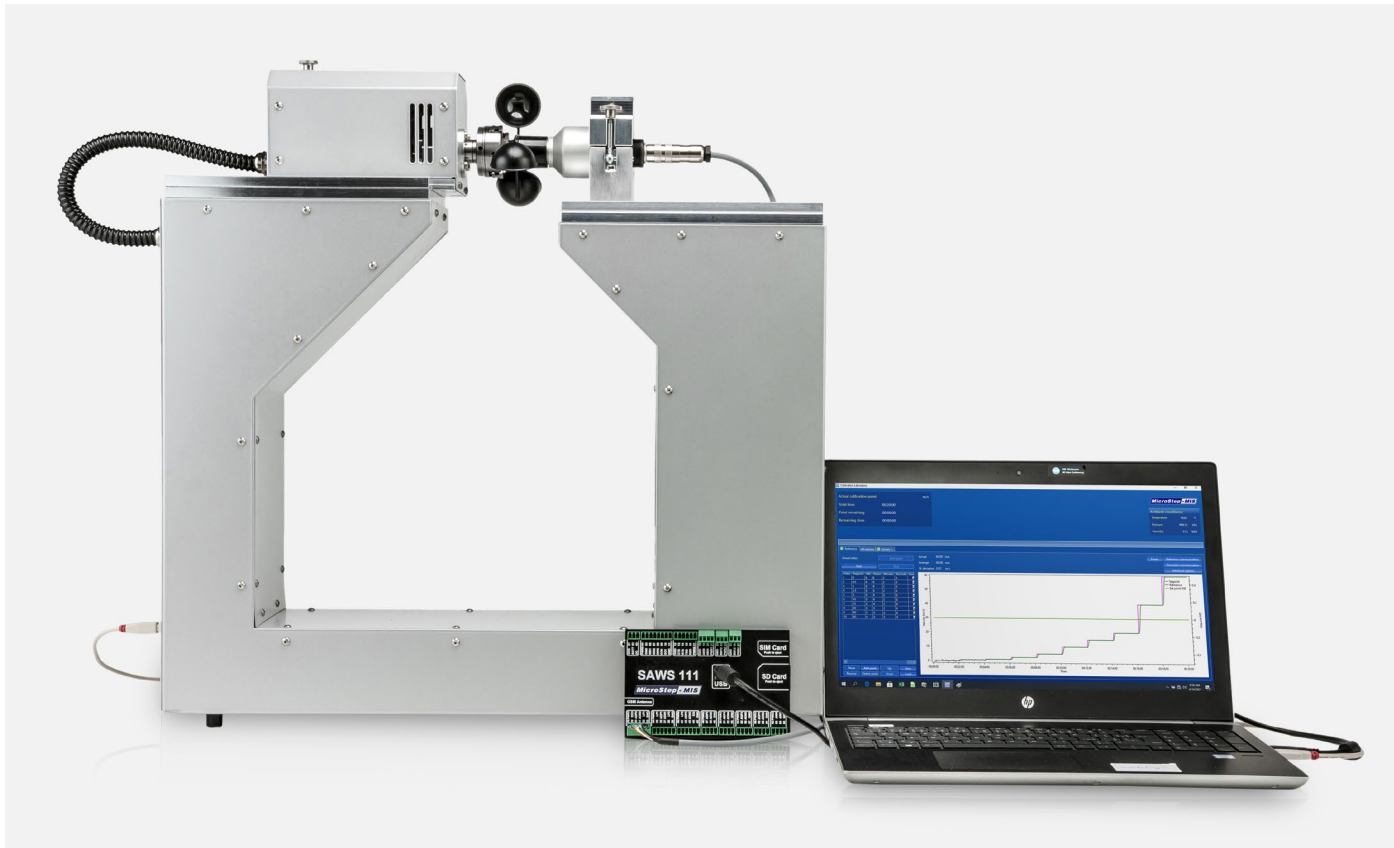


Portable Calibration System for Wind Speed and Direction

The system is suitable for field usage. It is ideal for on-site calibration and verification of wind speed transmitter and wind direction vane sensors.



Calibration of the wind direction of mechanical sensors



Testing of wind speed sensors



Laboratory or on-site application



Fully automated calibration

The anemometer calibrator provides a convenient and accurate way to rotate the anemometer shaft at a known speed and in precisely defined positions. Rugged waterproof transport case protects the device well in harsh conditions and you will find everything you need for on-site calibration inside.

Automated calibration with IMS4 CalibLab

With IMS4 CalibLab, the process of calibration of sensors is fully automated.



The software guides the user through the calibration setup in several steps. Preconfigured sensor types include specific calculation of uncertainty, corrections and other formulas.

When the calibration starts the software will ask you to set the desired speeds or directions, set and confirm it, and then it scans the readings from all the devices under the test. The system evaluates the readings for stability, calculates values and uncertainty. In case of any problem, error is readily indicated. After the process goes through all setpoints, the results are stored in the database. You can generate certificates for all devices under the test in one click. The certificate is generated from a template. You can freely edit the template to fit your needs.

The database of calibrations holds the history of calibrations of the whole calibration laboratory in one place. You can browse it by quantity, year, sensor type, serial number etc. Looking for calibration history of a certain instrument is also quick. The built-in database browser allows online tabular and graphical view of multiple certificates. The software supports export to .csv, .odt, .xml and .pdf formats. Whole database can be backed-up or restored by simple click of a button. Automatic periodic backups are also available.

Wind speed parameters

Wind speed Range	5 – 15 000 rpm
Wind speed Resolution	0.1 m/s
Wind direction Range	0 - 360°
Wind direction Resolution	0.01°
Supply volatage	100 to 240 V AC
Connection	USB
Baudrate	9600
Dimensions	84.7 x 72.2 x 46.3 cm
Weight	14.5 kg
Protection case	IP 67

