

Calibration Certificate

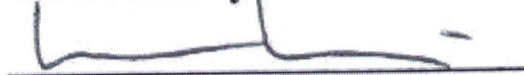
Adjustment and calibration of an anemometer SwemaAir 50

Calibration result:

S/N: 365009
 Manufact. Date: 2012-02-22
 Software version: 1.13
 Hardware version: 1.20
 Cal. date: 2019-10-15
 Cal. setup: SWEMA
 Next cal. date: 2020-10-15
 Cal. cond.: 1012 hPa 39 %RH

True val.	Read val.	Corr
10 cm/s	8 cm/s	2
25 cm/s	25 cm/s	0
60 cm/s	61 cm/s	-1
1.00 m/s	1.02 m/s	-0.02
2.00 m/s	1.98 m/s	0.02
3.00 m/s	2.91 m/s	0.09
5.00 m/s	4.87 m/s	0.13
7.00 m/s	6.86 m/s	0.14
10.0 m/s	10.1 m/s	-0.1
12.0 m/s	12.1 m/s	-0.1
23.5 °C	23.3 °C	0.2
1012 hPa	1012 hPa	0

Calibrated by



Andreas Lanteli

Uncertainty of measurement:

Coverage probability 95%
 Instrument uncertainty – see manual

Air velocity

0.07-0.5 m/s = ±0.03 m/s

0.50-2.00 m/s = ±0.04 m/s

2.00-12.0 m/s = ±2%

Temperature

±0.2°C

Pressure

± 1.0 hPa

Measuring method:

Calibration in a free air stream.

The sensors position in the air stream:

Horizontal with the arrow in the air stream direction.

