

**Issued for:**

**MJ Klimateknik Aps.  
Skovvænget 6  
5792 Årslev**

**1) Calibrated Instrument**

Manufacturer: **SWEMA**  
Type: **3000md with probe SWA-31E**  
Device Designation: **Anemometer**  
Device Serial Number: **695579**  
Probe Serial Number: **389839**  
Device ID: **116205**

**2) Calibrating Conditions**

Operator: **P.S.**  
Date: **03-04-2019**  
Ambient Temperature: **23 °C**  
Relative humidity: **27 %HR**  
Atmospheric Pressure: **1002 hPa**  
Calibrating Principles: **The point of calibration are realized with means of calibration according to : bench velocity WT180-500, measuring from 0,3 to 28 m/s controlled with flow transmitter CTV310, and two pressure transmitters CP301, CP303. All devices are held against the references instrument SWEMA 3000md sn: 676029 with probe SWA-31 sn: 386429 and pitot tube sn: 12972, which is traceable to national standard by SP certificates.**

**3) Measurement results**

Vr (m/s)	Vi (m/s)	Vi-Vr (m/s)	Uncertainty (m/s)
0,3	0,31	0,010	0,04
0,6	0,61	0,010	0,04
1,0	1,00	0,000	0,05
2,0	1,98	-0,020	0,07
3,0	2,96	-0,040	0,08
4,0	3,94	-0,060	0,10
6,0	6,03	0,030	0,11
8,0	7,98	-0,020	0,13
10,0	10,00	0,000	0,14
15,0	15,32	0,320	0,17

Vr: value displayed by our reference instrument, Vi: valeur displayed by customer's instrument.

Comments: **The temperature checking give : Vr 22,4°C ; Vi 22,6°C**

**the measurement uncertainty stated is a combination of laboratory and shot term contributions from calibration item. The uncertainty is given with a coverage factor of 2 corresponding to a coverage probability of approx. 95%.  
the values stated are valid for the calibration item only and are mean values of 3 successive readings. The measurement uncertainty is calculated in accordance with EA-4/02.**

*Laboratories manager*

