

1) Calibrated Instrument

Manufacturer: **SWEMA**
 Type: **3000md with intern probe**
 Device Designation: **Manometer**
 Device Serial Number: **9565P1650038675469**
 Device ID: **105502**

2) Calibrating Conditions

Operator: **P.S.**
 Date: **24-02-2021**
 Ambient Temperature: **22 °C**
 Relative humidity: **32 %HR**
 Atmospheric Pressure: **1019 hPa**
 Calibrating Principles: **The point of calibration are realized with means of calibration according to :
 bench generator dynamic pressure
 controlled with reference CP301 ID:400, traceable to national standard by SP certificates.
 controlled with reference CP303 ID:401, traceable to national standard by SP certificates.
 controlled with reference CP304 ID:402, traceable to national standard by SP certificates.**

3) Measurement results

Vr (Pa)	Vi (Pa)	Vi-Vr (Pa)	Uncertainty (Pa)
-300,0	-301,5	-1,500	0,75
-100,0	-100,5	-0,500	0,30
20,0	20,2	0,200	0,21
50,0	50,2	0,200	0,25
100,0	100,4	0,400	0,30
200,0	201,0	1,000	0,52
300,0	301,4	1,400	0,75
500,0	502,3	2,300	1,20
1000,0	1006	6,000	2,10
1500,0	1508	8,000	3,21

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

Comments: **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

