



Certificate number

12996219.0

Order number

14836

CALIBRATION CERTIFICATE (AS LEFT)

Tested as per test procedure "26_204 Adjustment And Calibration Manual MAS-100 Regulus - ISO 17025"

Object **Anemometer** Customer **Cleanroom Control and Sterilization**

Manufacturer **MBV AG** Customer location **2512 Oeynhausen (AT)**

Type **MAS-100 Regulus** Custom text **Device off**

Measuring range **50...200 L/min** Serial number **18173**

Ambient conditions

Temperature **23.2 °C** Pressure **966.1 mbar**

Remark **NA**

Test standard **Test bench MBV PL243A with 0.40% best possible measurement uncertainty.
For more information see SCS 0154 accreditation certificate.**

Flow L/min	Reference L/min	Examinee L/min	Deviation L/min	Rotation ms	U95 ¹⁾
50	49.4	49.2	-0.2	130.66	± 0.50%
60	59.4	59.4	0.0	106.91	± 0.48%
70	69.3	69.3	0.0	90.75	± 0.47%
80	80.0	79.9	-0.1	78.12	± 0.43%
90	89.8	89.8	0.0	69.05	± 0.46%
100	99.7	99.8	0.1	61.91	± 0.45%
110	109.6	109.6	0.0	56.23	± 0.46%
120	119.2	119.1	-0.1	51.68	± 0.41%
130	129.0	129.0	0.0	47.63	± 0.45%
140	138.9	138.9	0.0	44.13	± 0.45%
150	148.7	148.6	-0.1	41.13	± 0.44%
160	158.6	158.5	-0.1	38.48	± 0.42%
170	168.4	168.3	-0.1	36.15	± 0.45%
180	178.2	178.1	-0.1	34.06	± 0.44%
190	187.9	187.9	0.0	32.23	± 0.44%
200	197.4	197.3	-0.1	30.64	± 0.41%

¹⁾ The reported expanded uncertainty of measurement is stated as the standard uncertainty of the measurement multiplied by the coverage factor $k = 2$, which for a normal distribution corresponds to a coverage probability of approximately 95%. The measurement uncertainty includes uncertainty contributions from the normal used, the calibration process, the environmental conditions and the device under test. The long-term drift is not included.

This calibration certificate documents the traceability to national standards for the representation of the physical units (SI).

Date of as left measurement

08. Jun 2021

Place and print date

Stäfa, 08. Jun 2021

Examiner

S. Karakoc

Calibration manager

C. Habegger

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Object	Anemometer	Customer	Cleanroom Control and Sterilization
Manufacturer	MBV AG	Customer location	2512 Oeynhausen (AT)
Type	MAS-100 Regulus	Custom text	Device off
Measuring range	NA	Serial number	18173
Ambient conditions			
Temperature	NA	Pressure	NA
Remark	NA		
Test standard	Test bench MBV PL243A with 0.40% best possible measurement uncertainty. For more information see SCS 0154 accreditation certificate.		

Flow L/min	Reference L/min	Examinee L/min	Deviation L/min	Rotation ms	U95 ¹⁾
NA	NA	NA	NA	NA	NA

¹⁾ The reported expanded uncertainty of measurement is stated as the standard uncertainty of the measurement multiplied by the coverage factor $k = 2$, which for a normal distribution corresponds to a coverage probability of approximately 95%. The measurement uncertainty includes uncertainty contributions from the normal used, the calibration process, the environmental conditions and the device under test. The long-term drift is not included.

This calibration certificate documents the traceability to national standards for the representation of the physical units (SI).

Date of as found measurement	NA	Place and print date	Stäfa, 08. Jun 2021
Examiner	S. Karakoc	Calibration manager	C. Habegger

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