

LAB 4.0



Our newly developed Lab 4.0 is an Allrounder for all laboratorial activities. Whether you need a Differential Pressure Manometer for very small measuring areas or a Particle Measurement System or Environmental Gas Analysis the Lab 4.0 is your device.

Output: via SD-Card
Incl. logger function (up to 10.000.000 measurements)

Measuring units airflow: m/s, km/h, ft/s, mph
Volume flow: m³/h, l/min, m³/s, cfm
Humidity: % rH
Temperature: °C, °F, °K

Display: TFT display with touch function

Resolution:
0.001 Airflow / Volumeflow
0.1% rH
0.1 °C /°F Temperature

Pressure modules:
+-250 Pa: +- 0.05 Pa, resolution 0.01 Pa
+- 2500 Pa: +- 0.5 Pa, resolution 0.01 Pa
burst overload capability: 100 kPa / long term: 60 kPa

Barometer:
0 - 400 kPa (4 Bar): +- 1kPa, resolution 0.1 kPa
burst overload capability: 800 kPa / long term: 400 kPa

Measuring rate: 5 measurements/s

Power supply: Li-Po battery 10000 mAh

Housing dimensions: 270*245*95 mm (L*H*D)
Weight: approx. 1220 grams / 2400 grams for the Stainless Steel version

400.0900



Temp & Humidity-Sensor

Humidity 0...100%
Temperature: -40...85°C
Acc.: 1.5 %, ±0.1 °C

400.0902



IAQ-Sensor

IAQ-Scala 0-500
Acc.: +- 15.0 %

400.0901



VOC-Sensor

Ethanes, molar fraction 5 ppm, acc. 15%
Isopropenes, molar fraction 10 ppm, acc. 15%
Ethanol, molar fraction 10 ppm, acc. 15%
Acetones, molar fraction 50 ppm, acc. 15%
CO, molar fraction 15 ppm, acc. 12%








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LAB 4.0 Options


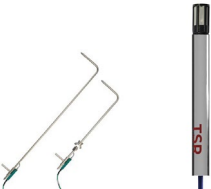

| | Option | Description |
|---|---|---|
|  | 400.0350 | Lab 4.0 - Manometer with 2 included modules: +/- 250 Pa, +/- 2500 Pa (other on request) Touch Screen and 10000 mAh Battery |
|  | 400.0351 | Lab 4.0 - Manometer with 2 included modules: +/- 250 Pa, +/- 2500 Pa (other on request) Touch Screen and 10000 mAh Battery (Stainless Steel version) |
|  | 400.0355 | Lab 4.0 Particle Measurement System ISO 21501-4 >0.3µm, >0.5µm, >1.0µm, >5.0µm, >10µ Count efficiency: 50%@≥0.3µm, 100%@≥0.5µm 1.0 cf/min (28,3 l/min) Stainless Steel version |
|  | 400.0900 400.0901 400.0902 | Temperature and Humidity probe in Stainless Steel VOC-Sensor in Stainless Steel IAQ-Sensor in Stainless Steel others on request |
|  | 400.0399 | Transport case |

Protect your investment and save money today by adding a transport case with a LAB 4.0 for **only 129 CHF** with your initial order, compared to the regular price of 229 CHF if purchased later.

Benefit from our **special calibration offer**:

Get 3 pressure calibration certificates for the price of 2 if purchased with the initial order!



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| 1 | 2 | 3 |
| <p>Choose your Lab 4.0 MC4.0 LAB Manometer with 2 included modules: +/- 250 Pa, +/- 2500 Pa or as Stainless Steel version</p> | <p>Choose your probes Measurement with pitot tubes allow temperatures up to 350° C Choose additional probes like Temperature and</p> | <p>Protect your instruments and save money today by adding a transport case with a read-out unit for only 129 CHF with your initial order, compared to the price of 229 CHF when purchased separately.</p> |



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