Technical Data - *Measured Parameters*

	O2 Measurement	CO Measurement *(with H2 compensation)*	NO Measurement	Draft/Pressure Measurement	Temperature Measurement
Nominal Range (maximal displayed value)	**21.0 vol.-%**	**5.000 ppm** (9.999 ppm)	**2.000 ppm**	**50 hPa** *(mbar)* **150 hPa** *(mbar)*	**0 … 1000°C** *(TG)* [1] (32°F … 1832°F) [1] **-20 … 200°C** *(TA)* [2] (-4°F … 392°F) [2]
Resolution	**0.1 vol.-%**	**1 ppm**	**1 ppm**	**0.01 hPa (< 19.9) 0.1 hPa (> 20)**	**0.1°C / 0.1°F**
Accuracy [% RDG]	**± 0.2 vol.-%**	**±5 ppm** *(< 50ppm)* **±5 %** *(> 50ppm)*	**±5 ppm** *(< 50ppm)* **±5 %** *(> 50ppm)*	**±0.02 hPa** *(< 2.00 hPa)* **±1 %** *(> 2.00 hPa)*	**±1°C** *(TG < 300°C)* **±0.5%** *(TG > 300°C)* **±2°C** *(TA -20°C … 0.0°C)* **±1°C** *(TA 0.1°C…200.0°C)*
Response Time t90 [sec.]	**< 30**	**< 60**	**< 60**	**< 10**	**< 30** *(TG)* **< 30** *(TA)*
Mechanical Connections	**1x Gas Connection Inlet** *(∅ 8 mm)*			**1x/2x Draft/Pressure Connection Inlet** *(∅ 7 mm or ∅ 8 mm [3])*	**2x Thermocouple Socket** *(1x TG & 1x TA)*

*[1] **TG** = **T**emperature **G**as [2] **TA**= **T**emperature **A**mbient (Air) [3] Benelux*

Display	2,8“ TFT (240x320 Pixel)
Memory Media (Option)	Micro SD/SDHC Memory Card *(up to 16 GB)*
Data Interface	Bluetooth Smart – Single Mode *(BLE = BluetoothLowEnergy)*
Measurement Units	**Gas** Vol.-%, ppm, mg/m³, mg/kWh, mgMJ **Pressure** Pa, hPa, kPa, mbar, bar, mmWs, mmHg, inHg, psi **Temperature** °C, °F
Battery / Power Supply	Rechargeable Lithium-Ion battery (3,6V/2,3Ah) / External Power Adapter
Power Supply / Charger Mode	via USB socket and AC-Adapter *(no data transfer via USB port possible)*
Expected Operating Time ***(Measuring Mode)***	up to 14 hours (‘*Eco’ Mode*) up to 12 hours (*‘Automatic’ Mode*) up to 11 hours (‘*Normal’ Mode*)
Operating Temperature **Storage/Transport Temperature**	+ 5 °C ... + 40 °C - 20 °C ... + 50 °C
Housing	Plastic
Dimensions	215 x 65 x 45 mm / 2.6 x 1.8 x 8.5 inch (*incl. Protection Case*)
Weight	approx. 500 - 650 g *(depends on count of sensors)*
Color	RAL 5015 (*sky blue*)
Protection Case	Soft Plastic
Color	RAL 5011 (*steel blue*)
Keypad	Foil Keypad (*1x scroll-wheel & 4x buttons*)
Color	RAL 7021/5015/4008/9016
Protection Rating	IP42 (*DIN EN 60529*)
Directives & Standards	2004/108/EC (*CE*), DIN EN 50379, VDI 4206, WEEE/RoHS

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