Technical Data - *Measured Parameters*

Flue Gas Temperature measurement ***(including separate differential-temperature measurement)***	Range	0 °C ... + 1,000 °C *or* 32 °F … +1,832 °F
	Resolution	0.1 °C
	Accuracy	±1°C + 1 digit (up 300 °C) ±1 % RDG (above 300 °C)
	Thermocouple	K-Type (NiCr-Ni)
Ambient Temperature ***(including separate differential-temperature measurement)***	Range	-20 °C ... + 200 °C *or* -4 °F … +392 °F
	Resolution	0.1 °C
	Accuracy	±3 °C + 1 digit (-20.0 up to 0.0 °C) ±1 °C + 1 digit (+0.1 up to +200.0 °C)
	Thermocouple	K-Type (NiCr-Ni)
Draft measurement / Differential pressure	Range	± 70 hPa (Draft) / ± 150 hPa (diff. pressure)
	Accuracy	± 0.02 hPa (up ± 2.00 hPa) ± 1 % RDG (above ± 50 hPa)
	Resolution	0.01 hPa (= 1 Pa)
Barometric Pressure	Range	750 hPa … 1100 hPa
Oxygen (O2) measurement *(4OxEcoLP)*	Range	0 ... 21 vol.-%
	Resolution	0.1 vol.-%
	Accuracy	± 0.2 vol.-% RDG
Carbon Dioxide (CO2) measurement *(calculated)*	Display	0 ... CO2max
	Resolution	0.1 vol.-%
	Accuracy	± 0.2 vol.-%
Carbon Monoxide (CO) measurement *(H2-compensated)*	Range	0 ... 4,000 ppm (nominal)
	Resolution	1 ppm
	Accuracy	± 5 ppm (up 50 ppm) ± 5 % RDG (above 50 ppm)
Options:		
Nitrogen Oxide (NO) measurement	Range	0 ... 5,000 ppm
	Resolution	1 ppm
	Accuracy	± 5 ppm (up 50 ppm) ± 5 % RDG (above 50 ppm)
Nitrogen Dioxide (NO2) measurement	Range	0 ... 1,000 ppm
	Resolution	1 ppm
	Accuracy	± 10 ppm (up 50ppm) / ± 5 ppm[1)] (up 100 ppm) ± 10 % RDG (above 50 ppm) / ±5 % RDG[1)] (above 100 ppm)
Sulfur Dioxide (SO2) measurement	Range	0 ... 5,000 ppm
	Resolution	1 ppm
	Accuracy	± 10 ppm (up 200 ppm) ± 5% RDG (above 200 ppm)
Carbon Monoxide (CO) high range measurement ***(not H2-compensated)***	Range	0 ... 4.0 vol.-% (= 40,000 ppm)
	Resolution	0.01 vol.-%
	Accuracy	± 5% RDG

Abbreviations: RDG = deviation of reading value, ppm = particle per million, vol.-% = percent of volume *Subject to technical changes!*

1) with extended flue gas treatment (e.g. MaxiSystem)

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