

**Technical Data - Measured Parameters**

<b>Flue Gas Temperature measurement</b> <i>(including separate differential-temperature measurement)</i>	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)
<b>Ambient Temperature</b> <i>(including separate differential-temperature measurement)</i>	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)
<b>Draft measurement / Differential pressure</b>	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)
<b>Barometric Pressure</b>	Range	750 hPa ... 1100 hPa
<b>Oxygen (O2) measurement</b> <i>(4OxEcoLP)</i>	Range	0 ... 21 vol.-%
	Resolution	0.1 vol.-%
	Accuracy	± 0.2 vol.-% RDG
<b>Carbon Dioxide (CO2) measurement</b> <i>(calculated)</i>	Display	0 ... CO2max
	Resolution	0.1 vol.-%
	Accuracy	± 0.2 vol.-%
<b>Carbon Monoxide (CO) measurement</b> <i>(H2-compensated)</i>	Range	0 ... 4,000 ppm (nominal)
	Resolution	1 ppm
	Accuracy	± 5 ppm (up 50 ppm) ± 5 % RDG (above 50 ppm)
<b>Options:</b>		
<b>Nitrogen Oxide (NO) measurement</b>	Range	0 ... 2,000 ppm
	Resolution	1 ppm
	Accuracy	± 5 ppm (up 50 ppm) ± 5 % RDG (above 50 ppm)
<b>Nitrogen Dioxide (NO2) measurement</b>	Range	0 ... 200 ppm
	Resolution	1 ppm
	Accuracy	± 10 ppm (up 50ppm) / ± 5 ppm <sup>1)</sup> (up 100 ppm) ± 10 % RDG (above 50 ppm) / ±5 % RDG <sup>1)</sup> (above 100 ppm)
<b>Sulfur Dioxide (SO2) measurement</b>	Range	0 ... 2,000 ppm
	Resolution	1 ppm
	Accuracy	± 10 ppm (up 200 ppm) ± 5% RDG (above 200 ppm)
<b>Carbon Monoxide (CO) high range measurement</b> <i>(not H2-compensated)</i>	Range	0 ... 2.0 vol.-% (= 20,000 ppm)
	Resolution	0.01 vol.-%
	Accuracy	± 5% RDG