

## Technical Data - *Measured Parameters*

<b>Flue-gas temperature</b>	Range	0 ... 1.000° C (32 ... 1850° F)
	Resolution	1° F
	Thermocouple	Type K T/C
<b>Ambient air temperature</b>	Range	-20 ... 200° C (-5 ... 400° F)
	Resolution	0,1° F
	Thermocouple	Type K T/C
<b>Draft pressure difference</b>	Range	± 70 hPa ( <i>nominal</i> ) / ± 130 hPa ( <i>maximal</i> ) ± 28 inches of H2O / ± 55 inches of H2O
	Resolution	0,01 hPa (0,01 in H2O)
	Accuracy	± 1% rdg / ± 2% rdg
<b>O2 Measurement</b>	Range	0 ... 21 Vol.%
	Resolution	0,1 Vol.%
	Accuracy	± 0,2 Vol.% rdg
<b>CO2 (<i>calculated value</i>)</b>	Range	0 ... CO2max
	Resolution	0,1 Vol.%
	Accuracy	± 0,2 Vol.%
<b>CO Measurement (<i>H2 compensation included</i>)</b>	Range	0 ... 4000 ppm
	Resolution	1 ppm
	Accuracy	± 3 ppm ( <i>up to 20 ppm</i> ) ± 5% rdg ( <i>above 20 ppm</i> )
<b><u>Options:</u></b>		
<b>NO Measurement</b>	Range	0 ... 2000 ppm
	Resolution	1 ppm
	Accuracy	± 5 ppm ( <i>up to 50 ppm</i> ) ± 5% rdg ( <i>above 50 ppm</i> )
<b>COhigh Measurement (<i>without H2 compensation</i>)</b>	Range	0 ... 2.0 Vol.% ( <i>respectively 20000 ppm</i> )
	Resolution	0,01 Vol.%
	Accuracy	± 5% rdg ± 1 digit
<b>SO2 Measurement</b>	Range	0 ... 2.000 ppm
	Resolution	1 ppm
	Accuracy	± 10 ppm ( <i>up to 150 ppm</i> ) ± 5% rdg ( <i>above 150 ppm</i> )
<b>NO2 Measurement</b>	Range	0 ... 200 ppm
	Resolution	1 ppm
	Accuracy	± 10 ppm (up to 50 ppm) / ± 5 ppm* ( <i>up to 100 ppm</i> ) ± 10% rdg (above 50 ppm) / ± 5% rdg* ( <i>above 100 ppm</i> )

Abbreviations: ppm = particle per million, vol.-% = percent of volume, rdg = deviation of reading value

\* with extended flue gas treatment (e.g. MaxiSystem)

Subject to technical changes!

File: Maxialyzer NG - Technical Data