

Technical Data - *Measured Parameters*

Flue-gas temperature	Range	0 ... 1.000° C (32 ... 1850° F)
	Resolution	1° F
	Thermocouple	Type K T/C
Ambient air temperature	Range	-20 ... 200° C (-5 ... 400° F)
	Resolution	0,1° F
	Thermocouple	Type K T/C
Draft pressure difference	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
O2 Measurement	Range	0 ... 21 Vol.%
	Resolution	0,1 Vol.%
	Accuracy	± 0,2 Vol.% rdg
CO2 (<i>calculated value</i>)	Range	0 ... CO2max
	Resolution	0,1 Vol.%
	Accuracy	± 0,2 Vol.%
CO Measurement (<i>H2 compensation included</i>)	Range	0 ... 4000 ppm
	Resolution	1 ppm
	Accuracy	± 3 ppm (<i>up to 20 ppm</i>) ± 5% rdg (<i>above 20 ppm</i>)
Options:		
NO Measurement	Range	0 ... 5000 ppm
	Resolution	1 ppm
	Accuracy	± 5 ppm (<i>up to 50 ppm</i>) ± 5% rdg (<i>above 50 ppm</i>)
COhigh Measurement (<i>without H2 compensation</i>)	Range	0 ... 4.0 Vol.% (<i>respectively 40000 ppm</i>)
	Resolution	0,01 Vol.%
	Accuracy	± 5% rdg ± 1 digit
SO2 Measurement	Range	0 ... 5.000 ppm
	Resolution	1 ppm
	Accuracy	± 10 ppm (<i>up to 200 ppm</i>) ± 5% rdg (<i>above 200 ppm</i>)
NO2 Measurement	Range	0 ... 500 ppm
	Resolution	1 ppm
	Accuracy	± 5 ppm (<i>up to 100 ppm</i>) ± 5% rdg (<i>above 100 ppm</i>)

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