

TECHNICAL DATA

EU-5000 BASIC

<u>Flue gas loss.-qA</u> <u>Efficiency.-eta</u>	0 - 100 % >100 - 0 %	<u>Lambda</u>	1 - ∞	<u>Display</u>	LCD, 4 lines 20 charact./line	<u>Printer</u>	Thermal printer 24 char./line
<u>Storage temperature</u>	-20 °C - 50 °C	<u>Working temperature</u>	5 - 40 °C	<u>Languages</u>	D, F, E, I	<u>Languages</u>	D, F, E, I
<u>Sensor line</u> <u>Probe tube</u>	3.5 m 300mm option : 160mm	<u>Power supply</u> <u>Frequency</u> <u>Accu.Lilon</u>	85 - 264 VAC 47 - 60 Hz 10.2 - 12.6VDC	<u>Weight</u>	7 kg	<u>Dimensions</u>	45 x 34 x 13 cm
				<u>Calibration</u>	100 s.	<u>Air pressure</u>	850 - 1'100hPa

Measuring range

<u>O₂</u> Range Resolution Response	0 - 21% Vol. 0,1% Vol. T90 < 20 s.	<u>CO</u> Range Resolution Response	0 - 2'000 ppm (4'000 ppm max.) 1 ppm T90 < 45 s.	<u>CO₂ calculated</u> Range Resolution	0 - 20,0% Vol. 0,1% Vol		
<u>NO</u> Range Resolution Response	0 - 1'000 ppm (2'000 ppm max.) 1 ppm T90 < 45 s.	<u>NO₂ opt.(needs opt.SO₂)</u> Range Resolution Response <u>NO_x calc.</u>	0 - 200 ppm (500ppm max.) 1ppm T90 < 60 s. s.« calculation NO _x »	<u>SO₂ opt.</u> Range Resolution Response	0 -2'000 ppm (3'000ppm max.) 1ppm T90 < 45 s.		
<u>Temp.Air</u> Range Resolution	Thermoelem. K type 0 - 80°C 0.1°C	<u>Temp.gas</u> Range Resolution	Thermoelem. K type 0 - 450°C 0 - 1'000°C opt. 0.1°C	<u>Draught P1</u> <u>Draught P2</u> <u>opt.</u>	-4 / +50hPa free choice	<u>Soot measurement</u> Filter papier	1,61l. (6 mm probe)

Tolerances

<u>O₂</u>	± 0.4%	<u>CO</u>	± 0.1*displayed min. ± 10 ppm	<u>CO₂</u>	± 0.07*displayed min. ± 12 ppm	
<u>NO</u>	± 0.1*displayed min. ± 10 ppm	<u>NO₂ opt.</u>	± 7 ppm	<u>SO₂ opt.</u>	± 10 ppm	
<u>Temperatures</u> 0 - 100 °C 101 - 200 °C 201 - 300 °C	<u>Analyzer</u> ± 1 °C ± 1 % ± 2 °C	<u>Probe</u> ± 2 °C ± 2 % ± 4 °C	<u>Total</u> ± 3 °C verified by METAS ± 3 % verified by METAS ± 6 °C verified by METAS			<u>Soot measurement</u> ± 0,11 l.

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