TECHNICAL DETAILS – testo 330i

Differential Pressure - Piezoresistive	
Measuring range	0 to 300 hPa
Accuracy	±0.5 hPa (0.0 to +50.0 hPa) ±1 % of mv (+50.1 to +100.0 hPa) ±1.5 % of mv (Remaining Range)
Resolution	0.1 hPa
Flue gas O_2	
Measuring range	0 to 21 Vol.%
Accuracy	±0.2 Vol.%
Resolution	0.1 Vol.%
Flue gas CO (with H_2-compensation)	
Measuring range	0 to 8000 ppm
Accuracy	±10 ppm or ±10 % of mv (0 to 200 ppm) ±20 ppm or ±5 % of mv (201 to 2000 ppm) ±10 % of mv (2001 to 8000 ppm)
Resolution	1 ppm

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CO determination (with H_2-compensation), automatic dilution	
Measuring range	0 to 30000 ppm
Accuracy	±200 ppm or ±20 % of mv (0 to 30000 ppm)
Resolution	1 ppm

Flue gas NO	
Measuring range	0 to 3000 ppm
Accuracy	±5 ppm (0 to 100 ppm) ±5 % of mv (101 to 2000 ppm) ±10 % of mv (2001 to 3000 ppm)
Resolution	1 ppm

Option

Flue gas Draughts	
Measuring range	-9.99 to +40 hPa
Accuracy	±0.02 hPa or ±5 % of mv (-0.50 to +0.60 hPa) ±0.03 hPa (+0.61 to +3.00 hPa) ±1.5 % of mv (3.01 to +40.00 hPa) (the greater value applies)
Resolution	0.01 hPa

Temperature	
Measuring range	-40 to +1200 °C
Accuracy	±0.5 °C (0.0 to +100.0 °C) ±0.5 % of mv (Remaining Range)
Resolution	0.1 °C (-40 to +999.9 °C) 1 °C (Remaining Range)

dependent on the thermocouple

Flue gas degree of effectivity, Eta (calculated)	
Measuring range	0 to 120 %
Resolution	0.1 %

Flue gas loss (calculated)	
Measuring range	0 to 99.9 %
Resolution	0.1 %

Flue gas CO_2 calculation (calculated from O_2)	
Measuring range	Display range 0 to CO_2 max
Accuracy	±0.2 Vol.%
Resolution	0.1 Vol.%

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General technical data	
Dimensions	270 x 160 x 57 mm
Operating temperature	-5 to +45 °C
Power supply	Rech. batt. block 3.7 V / 2.6 Ah; Mains unit 6 V / 1.2 A (optional)
System requirements	requires iOS 7.1 or newer; requires Android 4.3 or newer; requires mobile end device with Bluetooth 4.0
Maximum memory	500000 readings
Storage temperature	-20 to +50 °C
Weight	720 g (excluding battery)

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