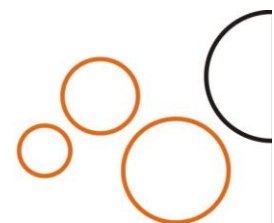


## TECHNICAL DETAILS – testo 320

Flue gas CO (with H <sub>2</sub> -compensation)	
<b>Measuring range</b>	0 to 8000 ppm
<b>Accuracy</b>	±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)
<b>Resolution</b>	1 ppm
<b>Reaction time t<sub>90</sub></b>	< 40 s
Flue gas CO <sub>low</sub>	
<b>Measuring range</b>	0 to 500 ppm
<b>Accuracy</b>	±2 ppm (0 to 39.9 ppm) ±5 % of mv (40 to 500 ppm)
<b>Resolution</b>	0.1 ppm
<b>Reaction time t<sub>90</sub></b>	< 40 s
Flue gas Draught	
<b>Measuring range</b>	-9.99 to +40 hPa
<b>Accuracy</b>	±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)



<b>Flue gas Draught</b>	
<b>Resolution</b>	0.01 hPa with fine draught option 0.001 hPa
<b>Temperature</b>	
<b>Measuring range</b>	-40 to +1200 °C
<b>Accuracy</b>	±0.5 °C (0 to +100.0 °C) ±0.5 % of mv (Remaining Range)
<b>Resolution</b>	0.1 °C (-40 to +999.9 °C) 1 °C (> +1000 °C)
<b>Flue gas degree of effectivity, Eta (calculated)</b>	
<b>Measuring range</b>	0 to 120 %
<b>Resolution</b>	0.1 %
<b>Flue gas loss (calculated)</b>	
<b>Measuring range</b>	0 to 99.9 %
<b>Resolution</b>	0.1 %
<b>Flue gas CO<sub>2</sub> calculation (calculated from O<sub>2</sub>)</b>	
<b>Measuring range</b>	Display range 0 to CO <sub>2</sub> max
<b>Accuracy</b>	±0.2 Vol. %



Flue gas CO <sub>2</sub> calculation (calculated from O <sub>2</sub> )	
<b>Resolution</b>	0.1 Vol.%
Pressure measurement	
<b>Measuring range</b>	0 to +300 hPa
<b>Accuracy</b>	±0.5 hPa (0.0 to 50.0 hPa) ±1 % of mv (50.1 to 100.0 hPa) ±1.5 % of mv (Remaining Range)
<b>Resolution</b>	0.1 hPa with fine draught option 0.01 hPa
Flue gas CO (without H <sub>2</sub> -compensation)	
<b>Measuring range</b>	0 to 4000 ppm
<b>Accuracy</b>	±20 ppm (0 to 400 ppm) ±5 % of mv (401 to 2000 ppm) ±10 % of mv (2001 to 4000 ppm)
<b>Resolution</b>	1 ppm
Ambient CO	
<b>Measuring range</b>	0 to 500 ppm
<b>Accuracy</b>	±5 ppm (0 to 100 ppm) ±5 % of mv (> 100 ppm)



Ambient CO	
<b>Resolution</b>	1 ppm

with CO probe 0632 3331

Ambient CO <sub>2</sub>	
<b>Measuring range</b>	0 to 1 Vol.% 0 to 10000 ppm
<b>Accuracy</b>	±75 ppm or ±3 % of mv (0 to 5000 ppm) ±150 ppm or ±5 % of mv (5001 to 10000 ppm)

with ambient CO<sub>2</sub> probe 0632 1240

Gas leak measurement for combustible gases (via gas leak detection probe)	
<b>Measuring range</b>	0 to 10000 ppm CH <sub>4</sub> / C <sub>3</sub> H <sub>8</sub> ; Display range
<b>Accuracy</b>	Signal optical display (LED) audible signal via buzzer
<b>Reaction time t<sub>90</sub></b>	< 2 s

with gas leak detection probe 0632 3330

General technical data	
<b>Dimensions</b>	240 x 85 x 65 mm
<b>Operating temperature</b>	-5 to +45 °C
<b>Display size</b>	240 x 320 pixels



General technical data	
<b>Display function</b>	Colour graphic display
<b>Power supply</b>	Battery: 3.7 V / 2,400 mAh; Mains unit: 6 V / 1.2 A
<b>Maximum memory</b>	500 Measurement values
<b>Storage temperature</b>	-20 to +50 °C
<b>Weight</b>	573 g

