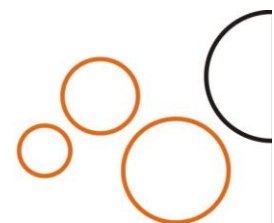


## TECHNICAL DETAILS – testo 310

Temperature - TC Type K (NiCr-Ni)	
<b>Measuring range</b>	-20 to +100 °C
<b>Accuracy</b>	±1 °C
<b>Resolution</b>	0.1 °C
<b>Reaction time</b>	< 50 s
Temperature (ambient temperature)	
Temperature - TC Type J (Fe-CuNi)	
<b>Measuring range</b>	0 to +400 °C
<b>Accuracy</b>	±1 °C (0 to +100 °C) ±1.5 % of mv (> 100 °C)
<b>Resolution</b>	0.1 °C
<b>Reaction time</b>	< 50 s
Temperature (flue gas)	
Flue gas O <sub>2</sub>	
<b>Measuring range</b>	0 to 21 Vol. %
<b>Accuracy</b>	±0.2 Vol. %



<b>Flue gas O<sub>2</sub></b>	
<b>Resolution</b>	0.1 Vol. %
<b>Reaction time t<sub>90</sub></b>	30 s
<b>Flue gas Draught</b>	
<b>Measuring range</b>	-20 to +20 hPa
<b>Accuracy</b>	±0.03 hPa (-3.00 to +3.00 hPa) ±1.5 % of mv (Remaining Range)
<b>Resolution</b>	0.01 hPa
<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>	0 to CO <sub>2</sub> max (Display range)



Flue gas CO <sub>2</sub> calculation (calculated from O <sub>2</sub> )	
<b>Accuracy</b>	±0.2 Vol. %
<b>Resolution</b>	0.1 Vol. %
<b>Reaction time t<sub>90</sub></b>	< 40 s
Pressure measurement	
<b>Measuring range</b>	-40 to +40 hPa
<b>Accuracy</b>	±0.5 hPa
<b>Resolution</b>	0.1 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
<b>Reaction time t<sub>90</sub></b>	60 s
Ambient CO	
<b>Measuring range</b>	0 to 4000 ppm



Ambient CO	
<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
<b>Reaction time</b>	60 s
General technical data	
<b>Dimensions</b>	201 x 83 x 44 mm
<b>Operating temperature</b>	-5 to +45 °C
<b>Display type</b>	LCD
<b>Display function</b>	Backlit 2-line display
<b>Power supply</b>	Battery: 1500 mAh, mains unit 5V/1A
<b>Storage temperature</b>	-20 to +50 °C
<b>Weight</b>	(with probe) Approx. 700 g

