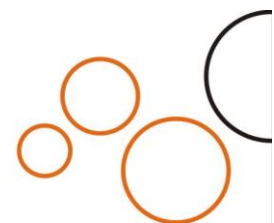


## TECHNICAL DETAILS – testo 300

Temperature - TC Type K (NiCr-Ni)	
<b>Measuring range</b>	-40 to +1200 °C
<b>Accuracy</b>	±0.5 °C (0.0 to +100.0 °C) ±0.5 % of mv (Remaining Range)
<b>Resolution</b>	0.1 °C (-40 to +999.9 °C) 1 °C (Remaining Range)
Differential Pressure - Piezoresistive	
<b>Measuring range</b>	-100 to +200 hPa
<b>Accuracy</b>	±0.5 hPa (0 to +50.0 hPa) ±1 % of mv (+50.1 to +100.0 hPa) ±1.5 % of mv (+100.1 to +200 hPa)
<b>Resolution</b>	0.01 hPa
Flue gas O <sub>2</sub>	
<b>Measuring range</b>	0 to 21 Vol. %
<b>Accuracy</b>	±0.2 Vol. %
<b>Resolution</b>	0.1 Vol. %



<b>Differential Pressure flue gas Draught - Piezoresistive</b>	
<b>Measuring range</b>	-9.99 to +40 hPa
<b>Accuracy</b>	±0.005 hPa (+0 to +0.1 hPa) ±0.02 hPa (+0.1 to +3.00 hPa) ±1.5 % of mv (3.01 to +40 hPa)
<b>Resolution</b>	0.001 hPa (0 to 0.1 hPa) 0.01 hPa (Remaining Range)
<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. %
<b>Resolution</b>	0.1 Vol. %



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 2000 ppm
<b>Accuracy</b>	±10 ppm (0 to 100 ppm) ±10 % of mv (101 to 2000 ppm)
<b>Resolution</b>	1 ppm
General technical data	
<b>Operating humidity</b>	15 to 90 %RH non-condensing
<b>Dimensions</b>	244 (including probe connection) x 98 x 59 LxWxH
<b>Operating temperature</b>	-5 to +45 °C
<b>Protection class</b>	IP40
<b>Product colour</b>	black/orange



General technical data	
<b>Display type</b>	5.0" touch display, HD 1280*720 pixels, IPS (160 k)
<b>Power supply</b>	Rechargeable battery, USB mains unit
<b>Guarantee</b>	Gas sensors (O <sub>2</sub> , CO) 24 months; rechargeable battery: 12 months; Thermocouple 12 months
<b>Authorizations</b>	TÜV-tested according to 1st German Federal Immission Control Ordinance (BImSchV) EN 50379, Parts 1-3
<b>Warranty conditions</b>	<a href="https://www.testo.com/guarantee">https://www.testo.com/guarantee</a>
<b>Memory</b>	1,000,000 measuring values
<b>Storage battery type</b>	Lithium ion battery
<b>Battery life</b>	10 h
<b>Storage temperature</b>	-20 to +50 °C
<b>Weight</b>	approximately 800 g
<b>Charging temperature</b>	0 to +45 °C
Differential Pressure 4 Pa measurement - Piezoresistive	
<b>Measuring Range</b>	-50 to +50 Pa
<b>Accuracy</b>	±0.3 Pa (< 10 Pa)



<b>Differential Pressure 4 Pa measurement - Piezoresistive</b>	
	$\pm 3$ % of mv (Remaining Range)
<b>Resolution</b>	0.1 Pa

