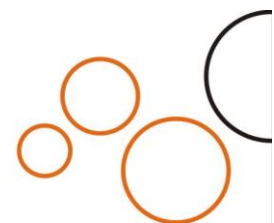


TECHNICAL DETAILS – testo 340

Differential Pressure - Piezoresistive	
Measuring range	-200 to 200 hPa
Accuracy	±0.5 hPa (-49.9 to 49.9 hPa) ±1.5 % of mv (Remaining Range)
Resolution	0.1 hPa
Absolute Pressure	
Measuring range	+600 to +1150 hPa
Accuracy	±10 hPa
Resolution	1 hPa
Flue gas O ₂	
Measuring range	0 to 25 Vol. %
Accuracy	±0.2 Vol. %
Resolution	0.01 Vol. %
Reaction time t₉₀	< 20 s

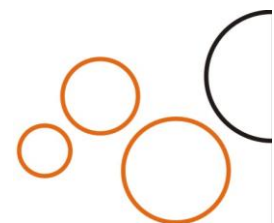


Flue gas CO (with H ₂ -compensation)	
Measuring range	0 to 10000 ppm
Accuracy	±10 ppm or ±10 % of mv (0 to 200 ppm) ±20 ppm or ±5 % of mv (201 to 2000 ppm) ±10 % of mv (2001 to 10000 ppm)
Resolution	1 ppm
Reaction time t₉₀	< 40 s
Flue gas CO _{low}	
Measuring range	0 to 500 ppm
Accuracy	±2 ppm (0 to 39.9 ppm) ±5 % of mv (Remaining Range) data corresponds to 20°C ambient temperature. Additional temperature coefficient 0.25% of reading/K.
Resolution	0.1 ppm
Reaction time t₉₀	< 40 s
Flue gas NO	
Measuring range	0 to 4000 ppm
Accuracy	±5 ppm (0 to 99 ppm) ±5 % of mv (100 to 1999 ppm) ±10 % of mv (2000 to 4000 ppm)



Flue gas NO	
Resolution	1 ppm
Reaction time t_{90}	< 30 s
Flue gas NO ₂	
Measuring range	0 to 300 ppm
Accuracy	±2 ppm (0 to 39.9 ppm) ±5 % of mv (Remaining Range)
Resolution	0.1 ppm
Reaction time t_{90}	< 30 s
Flue gas NO ₂	
Measuring range	0 to 500 ppm
Accuracy	±10 ppm (0 to 199 ppm) ±5 % of mv (Remaining Range)
Resolution	0.1 ppm
Reaction time t_{90}	< 40 s

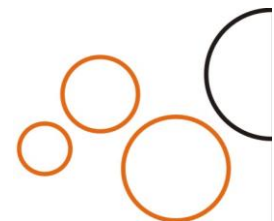
To avoid absorption, a maximum measurement duration of 2 hours should not be exceeded.



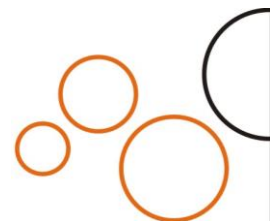
Flue gas SO ₂	
Measuring range	0 to 5000 ppm
Accuracy	±10 ppm (0 to 99 ppm) ±10 % of mv (Remaining Range)
Resolution	1 ppm
Reaction time t₉₀	< 40 s

To avoid absorption, a maximum measurement duration of 2 hours should not be exceeded.

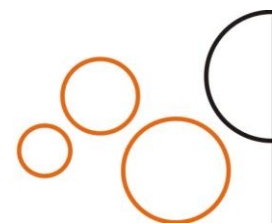
Differential Pressure flue gas Draught - Piezoresistive	
Measuring range	-40 to +40 hPa
Accuracy	±0.03 hPa (-2.99 to +2.99 hPa) ±1.5 % of mv (Remaining Range)
Resolution	0.01 hPa
Temperature	
Measuring range	-40 to +1200 °C
Accuracy	±0.5 °C (0 to +99 °C) ±0.5 % of mv (Remaining Range)
Resolution	0.1 °C



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 dewpoint (calculated)	
Measuring range	0 to 99.9 °Ctd
Resolution	0.1 °Ctd
Flue gas CO ₂ calculation (calculated from O ₂)	
Measuring range	0 to CO ₂ max
Accuracy	±0.2 Vol.%
Resolution	0.1 Vol.%
Reaction time t₉₀	< 40 s



General technical data	
Weight	960 g
Dimensions	283 x 103 x 65 mm
Operating temperature	-5 to +50 °C
Product-/housing material	TPE PC
Protection class	IP40
Product colour	Black
Connectable probes	1 x flue gas probe; 1 x temperature probe; 1 x differential pressure
Battery life	> 6h (Pumpe an, Displaybeleuchtung aus, bei 20°C)
Display type	graphic Display
Display size	160 x 240 pixels
Display function	Graphic display
Power supply	Battery block 3.7 V / 2.4 Ah, Mains unit 6.3 V / 2 A
Max. neg. press./flue gas	-200 mbar
Max. pos. press./flue gas	50 mbar



General technical data	
User defined fuels	10 user-defined fuels incl. test gas as fuel
Hose length	max. 7.8 m (corresponds to two probe hose extensions)
Pump flow	0.6 l/min (regulated)
Maximum memory	100 folders
Storage per folder	Max. 10 sites
Storage per site	Max. 200 logs
Miscellaneous	The max. number of logs is determined by the number of folders or sites
Interface	Bluetooth®; USB; IR/IRDA interface; gas outlet; Mains connection; probe input/ probe inputs; Differential Pressure
Storage temperature	-20 to +50 °C

