

Testo 325-1



Compact measuring instrument for electronic flue gas analysis

With testo 325, we are offering an affordable introduction to professional flue gas analysis. testo 325 is the ideal instrument for quick and accurate adjustment of burners.

The advantages at a glance

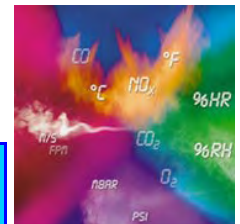
- Prints readings with date and time
- Measures flow/return temperature with display of differential temperature
- Magnetic SoftCase protects from dirt and impact
- TÜV approval TÜV By RgG 188
- Efficiency



Technical data - testo 325-1

Storage temperature	-20.0...50.0 °C
Operation temperature	4.0...45.0 °C
Battery type	4 AA batteries
Battery life	4.0 h
Weight	500.0 g
Dimensions (BxLxH)	68.0 x 216.0 x 47.0 mm

Probe type (measuring value)	Measuring range	Reaction time		
Piezoresistive pressure sensor (Draught/ Pressure)	-16.0 ... 16.0 inH2O		Accuracy	+/-0.012 inH2O (-16.0 ... 1.2 inH2O) +/-1.5% of mv (1.2 ... 16.0 inH2O)
			Overload	+/-1.0 inH2O (-16.0 ... 16.0 inH2O)
			Resolution	+/-0.0040 inH2O (-16.0 ... 16.0 inH2O)
Type K (NiCr-Ni) (Temperature)	-40.0 ... 600.0 °C	90.0 - t98	Accuracy	+/-0.5 °C (0.0 ... 99.9 °C) +/-0.5% of mv (100.0 ... 600.0 °C)
			Resolution	+/-0.1 °C (-40.0 ... 600.0 °C)
Type K (NiCr-Ni) (Temperature)	-40.0 ... 1100.0 °F	90.0 - t98	Accuracy	+/-0.5 °F (32.0 ... 212.0 °F) +/-0.5% of mv (212.1 ... 1100.0 °F)
			Resolution	+/-0.1 °F (-40.0 ... 1100.0 °F)
Piezoresistive pressure sensor (Draught/ Pressure)	-40.0 ... 40.0 hPa		Accuracy	+/-0.03 hPa (-40.0 ... 3.0 hPa) +/-1.5% of mv (3.0 ... 40.0 hPa)
			Overload	+/-1.0 hPa (-40.0 ... 40.0 hPa)
			Resolution	+/-0.01 hPa (-40.0 ... 40.0 hPa)
Calc. parameter (Efficiency)	0.0 ... 120.0 %		Resolution	+/-0.1 % (0.0 ... 120.0 %)
Calc. parameter (Flue gas loss)	0.0 ... 99.9 % qA		Resolution	+/-0.1 % qA (0.0 ... 99.9 % qA)
Electrochemical (Oxygen)	0.0 ... 21.0 Vol.% O2	40.0 - t90	Accuracy	+/-0.2 Vol.% O2 (0.0 ... 21.0 Vol.% O2)
			Resolution	+/-0.1 Vol.% O2 (0.0 ... 21.0 Vol.% O2)
Calc. parameter (Carbon dioxide)	0.0 ... -9999.0 Vol. % CO2	40.0 - t90	Accuracy	+/-0.2 Vol. % CO2 (... Vol. % CO2)
			Resolution	+/-0.01 Vol. % CO2 (null ... null Vol. % CO2)
Electrochemical (Carbon monoxide)	0.0 ... 2000.0 ppm CO	40.0 - t90	Accuracy	+/-20.0 ppm CO (0.0 ... 400.0 ppm CO)
			Resolution	+/-5.0% of mv (401.0 ... 2000.0 ppm CO)



Flue gas analysis in a gas heater independent of ambient air



Adjustment of gas flow pressure in a gas heater (adjustment values in natural gas: 20-25 mbar)



Fine adjustment of the flow and return temperature in floor heating using a clamp probe