

testo 340 Analyzer

The Ultimate Portable Instrument in Combustion Tuning

The testo 340 delivers the information you need to make the best decisions when it comes to combustion analysis. It's the ideal tool to confirm proper set-up, and it identifies emission problems before they get serious:

- + Four-gas flexibility in a rugged, compact, handheld design
- + Multi-sensor capability, equipped to handle extreme concentrations
- + Automatic Sensor Protections keep your analyzer working longer
- + Designed for simple, fast operation and constructed for demanding daily use

More Features, More Control

- + Print records (Flash Mode) to testo infrared printer (10-year thermal paper)
- + Calibration records with sensor output/life graph
- + Integrated pressure sensor (measure draft or differential pressure and simultaneously measure exhaust gas and flow velocity)
- + 18 fuels to choose from, plus 10 user-defined fuels (input from easyEmissions)
- + Onboard diagnostics
- + Internal data logging, automatic programs
 - Select from five user-defined measurement data logging programs
 - Log every second for up to two hours
- + Internal memory management
 - Up to 100 folders (customers/systems) can be saved
 - Up to 10 sites can be saved in every folder
 - USB interface
 - Transmit data via infrared or Bluetooth



Optimize combustion and increase fuel efficiency with information from the testo 340.
That's smart. That's JZHC.

testo 340 Pro Flue Gas Analyzer Kit

We've assembled a special kit for customer service and service technicians.

Kit | Part No. 1168282:

- testo 340 flue gas analyzer, rechargeable battery, calibration protocol and carrying strap included, equipped with O₂, pressure-/ flow measurement
- Sensor Slot 1 - O₂
- Sensor Slot 2 - CO (H₂ Compensated)
- Sensor Slot 3 - NO
- Sensor Slot 4 - Open
- 28" Probe shaft, T max = 1832°F
- 1 - International mains unit 100 - 240V / 6.3V DC power supply for use as a power supply or to charge instrument
- 1 - Spare Li-ion battery pack, 2.6Ah
- 1 - Charging station for spare battery
- 1 - testo fast printer with cordless infrared interface, 1 thermo paper role and 4 "AA" batteries
- 1 - box spare printer paper. 6 rolls per box (10-year legibility)
- 1 - Transport case

Technical Data

	Measuring Range	Accuracy
O₂ MEASUREMENT	0 to 25 vol.%	±0.2 vol.%
CO MEASUREMENT (H₂ COMPENSATED)	0 to 10,000 ppm	+10 ppm or +10% of mv (0 to 200 ppm) +20 ppm or +5% of mv (201 to 2,000 ppm) +10% of mv (2,001 to 10,000 ppm)
CO (LOW MEASUREMENT) (H₂ COMPENSATED)	0 to 500 ppm	+3 ppm (0.0 to 39.9 ppm) +5% of mv (remaining range)
NO MEASUREMENT	0 to 3,000 ppm	+5 ppm (0 to 99 ppm) +5% of mv (100 to 1,999 ppm) +10% of mv (2,000 to 3,000 ppm)
NO (LOW MEASUREMENT)	0 to 300 ppm	+3 ppm (0.0 to 39.9 ppm) +5% of mv (remaining range)
NO₂ MEASUREMENT*	0 to 500 ppm	+10 ppm (0 to 199 ppm) +5% of mv (remaining range)
SO₂ MEASUREMENT*	0 to 5,000 ppm	+10 ppm (0 to 99 ppm) +10% of mv (remaining range)
CO₂ MEASUREMENT (CALCULATION FROM O₂)	0 to CO ₂ max.	±0.2 vol. %
TEMPERATURE MEASUREMENT PROBE TYPE K (NiCr-Ni)	-40° to 2,192°F	+/- 0.9°F (32 to 210.2°F) +0.5% of mv (remaining range)
DRAFT MEASUREMENT	-16.1 to 16.1 inH ₂ O	+/- 0.011 inH ₂ O (-0.017 to 0.017 inH ₂ O) + 1.5% of mv (remaining range)
DIFFERENTIAL PRESSURE	-80.27 to 80.27 inH ₂ O	+/- 0.193 inH ₂ O (-0.29 to 0.29 inH ₂ O) + 1.5% of mv (remaining range)
ABSOLUTE PRESSURE	8.7 to 16.68 psia	+/- 0.14 psi

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

*mv = measured value

OPERATING TEMPERATURE	23° to 122°F
STORAGE TEMPERATURE	-4° to 122°F
POWER SUPPLY	Battery 3.7V/2.4Ah, AC Power Supply 6.3V/2 A
DIMENSIONS	11.14" x 4.05" x 2.56"
WEIGHT	2.12 lbs
MEMORY	Maximum: 100 folders
WARRANTY	Analyzer: 2 years (excluding working parts, e.g. sensors, sensor replacement filter) Rechargeable Battery: 1 year / Sensors: CO, NO CO _{low} , NO _{low} , NO ₂ , SO ₂ : 1 year / Sensor: O ₂ : 1.5 years

To Order, Call Our **24-Hour** Parts and Service Hotline: **800.755.4252**



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