



Testo 350XL Portable Combustion Analyzer



The 350XL Includes:

- 350XL Analyzer
- 454 Control Unit
- Extra Printer Paper
- Probe and Umbilical
- Shoulder Strap
- Spare Filters
- Power Cord
- Data Cable
- Comsoft 3 Software
- Manual (CD ROM & Print)
- Instrument Rental Shipping Carton

Specifications:

- Approximate Shipping Weight: 30 lbs.
- Dimensions: 16" x 11" x 4" (actual)
- Probe: Standard size 15" length (1000°C max temp), 8mm external diameter, 5mm internal, w/90" umbilical (longer probes and umbilicals may be available)
- Detection Method: Electrochemical Sensors for O₂, CO, SO₂, NO, NO₂, H₂S, CO₂ calculated unless the infrared CO₂ cell is, CxHy- pellistor
- Electrical requirements: 110-230, 90-260V, or rechargeable battery
- Battery Life: Analyzer Box is NiMH 2-3 hrs, Control Unit is 4AA batteries 8 hrs
- Operating Temperature: -20 to +115°F
- Material: ABS
- Memory: 250,000 readings
- Max. Pos. Pressure: 20" H₂O
- Max. Neg. Pressure: 80" H₂O
- Pump Draw: 0.8 to 1.2 LPM (results can vary depending on duct pressure)
- CO Dilution: Factors- 0, 2, 5, 10, 20, 40; Accuracy- Readings +2%; Gas- Fresh Air or N₂
- Data Transfer: RS232 Interface (Optional 4-20mA available)

Rental/Application Notes:

- This unit has temperature-controlled sensors.
- A CO dilution system is available upon request
- It can be operated remotely from 150' away.
- The sample conditioner has a built in chiller.
- CO₂ is a calculated value on most of our units. An infrared cell is available that can read from 0- 50 Vol.% CO₂. Accuracy: +/-0.3 Vol.% + 1% of mv (0 to 25Vol.%CO₂), +/-0.5 Vol.% CO₂ + 1.5 Vol.% CO₂ (>25 to 50 Vol.% CO₂). Resolution: 0.01 Vol.% (0-25 Vol.%). Units with this option rent for more than the calculated CO₂ Testo 350XL's.
- The NO low and NO cells can not be combined on the same unit. If the maximum value of 300ppm is exceeded on the NO low cell it will shut down flow to the entire unit.
- If you need a pitot with umbilical please request one when placing your order.
- The cells for this unit can be swapped/replaced for different configurations. Please call with specific cell requirements. Our standard unit comes equipped with O₂, CO, NO, NO₂, & SO₂ cells.
- A 4-20mA output adapter can be rented for an additional price if specified.
- Equipment must be returned in its original packaging.



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	O ₂	CO	CO-low	NO	NO-low	NO ₂	SO ₂	H ₂ S	C _x H _y
Range	0-25%vol	0-10,000 H2 comp	0-500ppm H2 comp	0-3000 ppm	0-300ppm	0-500 ppm	0-5000 ppm	0-300 ppm	0-4%
Accuracy	<0.8% of f.v	<5ppm 0-99 ppm <5% of m.v. 100-2000 ppm <10% of m.v. 2001-10000 ppm	<2 ppm 0-39.9 ppm <5% of m.v. 40-500 ppm	<5 ppm 0-99 ppm <5% of m.v. 100-2000 ppm <10% of m.v. 2001-3000 ppm	<2 ppm 0-39.9ppm <5% of m.v. 300 ppm	<5 ppm 0-99 ppm <5% of m.v. 500 ppm	<5 ppm 0-99 ppm <5% of m.v. 100-2000 ppm <10% of m.v. 2001-5000 ppm	<2 ppm 0-39.9 ppm <5% of m.v. 40-300 ppm	<0.04% vol. 0-0.4% vol. <10% of m.v. 0.41 - 4% vol.
Resolution	0.1% vol	1 ppm	0.1 ppm	1 ppm	0.1 ppm	0.1 ppm	1 ppm	0.1 ppm	0.01 vol%
Resp. Time	20s (t95)	40s (t90)	40s (t90)	30s (t90)	30s (t90)	40s (t90)	30s (t90)	35s (t90)	40s (t90)

Our Standard cell configuration is NO (0-3000ppm), NO₂, CO (0-10,000ppm), O₂, & SO₂. Advanced notification is necessary for alternative cell requirements.