

Testo 350XL

Equipment Specification Sheet: Page 1 of 3

Clean Air Instrument Rental Catalog Number	Testo 350XL Emission Analyzer	Manufacturer	Testo
Test Method	CTM-030, CTM-034, ASTM D6522-00	Equipment Type	Portable Analyzer



Model 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

Specification Notes:

1. Approximate Shipping Weight: 30 lbs.
2. Dimensions: 16" x 11" x 4" (actual)
3. Detection Method: Electrochemical Sensors
4. Electrical requirements: 110-230, 90-260V, or rechargeable battery
5. Battery Life: Analyzer Box is NiMH 2-3 hrs, Control Unit is 4AA batteries 8 hrs
6. Operating Temperature: -20 to +115°F
7. Material: ABS
8. Memory: 250,000 readings
9. Max. Pos. Pressure: 20" H₂O
10. Max. Neg. Pressure: 80" H₂O
11. Pump Draw: 1 LPM
12. CO Dilution: Factors- 0, 2, 5, 10, 20, 40; Accuracy- Readings +2%; Gas- Fresh Air or N₂
13. Data Transfer: RS232 Interface



Clean Air Engineering

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Testo 350XL Parameter Options & Specifications

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

	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 ppm H ₂ comp.	0-500 ppm H ₂ comp.	0-3,000 ppm	0-300 ppm	0-500 ppm	0-5,000 ppm	0-300 ppm	0-4%
Accuracy	< 0.8% of f.v	< 5 ppm 0-99 ppm < 5% of m.v. 100-2,000 ppm < 10% of m.v. 2,001-10,000 ppm	< 2 ppm 0-39.9 ppm < 5% of m.v. 40-500 ppm	< 5 ppm 0-99 ppm < 5% of m.v. 100-2,000 ppm < 10% of m.v. 2,001-3,000 ppm	< 2 ppm 0-39.9 ppm < 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. 100-2,000 ppm < 10% of m.v. 2,001-5,000 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	20 s (t95)	40 s (t90)	40 s (t90)	30 s (t90)	30 s (t90)	40 s (t90)	30 s (t90)	35 s (t90)	40 s (t90)

	CO ₂	Differ. Press. 1	Differ. Press. 2	Efficiency	Flow Velocity	Current Voltage	Current Voltage	RPM	Temp.
Range	0-CO ₂ max vol. %	± 80" H ₂ O	± 16" H ₂ O	0-100%	0 - 7900 ft/min	0-20 mA	0-10 V	20-20,000 rpm	-40 - 2192°F
Accuracy	Calculated from O ₂	< 1% m.v. -20" - 80" H ₂ O < 1% m.v. +20" - 80" H ₂ O < 0.5% -19" - 19" H ₂ O	< 1% m.v. -16" - 1.2" H ₂ O < 1% m.v. +16" - 1.2" H ₂ O < 0.5% -1.2" - 1.2" H ₂ O			±0.04 mA	±0.01 V		< 33°F -40 - 212°F < 0.5% m.v. +212 - +2,192°F
Resolution	0.01 vol. %	0.01" H ₂ O	0.01" H ₂ O	0.1%	10 ft/min	±0.01 mA	±0.01 V	1 rpm	



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Application Notes:

1. This unit has temperature-controlled sensors.
2. A CO dilution system is available which can increase the measurable range considerably.
3. It can be operated remotely from 150' away.
4. The sample conditioner has a built in chiller.
5. 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.

Rental Notes:

1. When renting, equipment must be returned in its original packaging.
2. The cells for this unit can be easily swapped or replaced allowing for different configurations with each rental. Please call with specific cell requirements. Our standard unit comes equipped with O₂, CO, NO, NO₂, & SO₂ cells.



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