



GREAT VALUE WITH OUTSTANDING SENSITIVITY AND SELECTIVITY



The XL100 is the perfect solution for simple impurity monitoring. It is small, lightweight, portable...oh, and powerful too!

Built on proven Sensi-Tape® technology the XL100 has outstanding sensitivity and selectivity. Expansion ports and upgradable functions ensure your XL100 will always meet the most current standards.

The XL100 comes to your door pre-calibrated and ready to use. You will be up-and-running **in a matter of minutes not days.**

OUTSTANDING TECHNICAL SUPPORT

Do you have questions?

Do you have special analytical needs?

Contact us today!

Our engineering team will walk you through our vast selection of Laboratory and Process analyzers.

C.I. Analytics

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KEY FEATURES

- ◆ **Built-in calibration memory**
Retains up to 10 calibration curves and analytical methods.
- ◆ **USB Disk Drive Port**
Backup of analytical results and important system parameters. Additional calibrations and system upgrades are simple from any USB flash drive.
- ◆ **Automatic Zero Compensation**
Eliminates drifts due to components aging and variation in operating conditions.
- ◆ **Auto-Ranging Measurements**
The XL100 dynamically adjusts the sampling time based on the sample and the required measurement accuracy. No lost time waiting for results.
- ◆ **Easy to use**
Connect your sample, select the analytical method and you are done. A simple and error-proof operation without any special training.
- ◆ **Expandable**
Exclusive C.I. Net expansion port optimizes the performance and functionality of the XL100 with optional accessories.
- ◆ **Portable**
The Built-in carrying handle and small form-factor of the XL100 allows you to transport the instrument wherever your needs are.
- ◆ **Exceptional Sensitivity and Selectivity**
The XL100 uses Sensi-Tape® which is basically a trap for a very specific impurity. Impurity traces as low as 1 ppb can be detected without interferences from Hydrocarbons, Moisture, Hydrogen and Carbon Oxides.



Sensi-Tape® Detection System

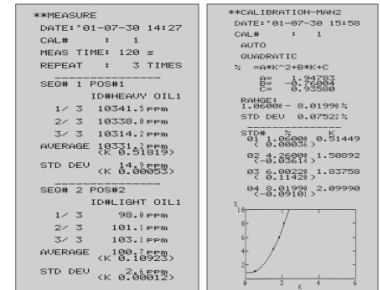
TYPICAL APPLICATIONS

Code	Elemental Impurity	Detection Limit
15	Ammonia (NH ₃)	5 ppb
16	Arsine (AsH ₃)	1 ppb
17	Chlorine (Cl ₂)	5 ppb
18	Hydrogen Chloride (HCl)	5 ppb
19	Hydrogen Cyanide (HCN)	500 ppb
20	Hydrogen Fluoride (HF)	5 ppb
21	Hydrogen Sulfide (H ₂ S)	5 ppb
22	Nitrogen Dioxide (NO ₂)	5 ppb
23	Phosgene (COCl ₂)	5 ppb
24	Phosphine (PH ₃)	5 ppb
25	Sulfur Dioxide (SO ₂)	5 ppb
99	Other	Contact us

Table 1 : Detectable Impurities

TECHNICAL SPECIFICATIONS

Supported Method	ASTM D4084
Detection Technique	Advanced dry colorimetric Sensi-Tape® and Tri-Color adaptive optics block
Stability	Automatic zero offset compensation before every analysis
Sample Phase	Gas (standard) LPGs, Solids, Paste-Like and Crude Oil (optional)
Analysis Time	5 seconds to 20 minutes (based on required accuracy and sample phase)
Calibration	Factory-set auto-ranging calibration for one impurity Additional calibrations available (optional)
I/Os	C.I. Net Expansion Port Ethernet Port USB Flash Disk Drive Port USB Port (RS-232 Serial Port Emulation) Concentration Alarm Relays (2) 4-20 mA, Ethernet, Modbus-RTU (optional)
User Interface	CiSmart Lite menu-driven software Backlit Graphic Display with Multi-function keypad
Power Requirements	110 - 120 or 220 - 240 VAC, 50/60 Hz, 90 VA (300 VA with LPG Option)
Dimensions (H x W x D)	8" x 22" x 12" (21cm x 56cm x 31cm)
Weight	35 lbs (16 kg)



Sample XL100 Report Printout

INCLUDED

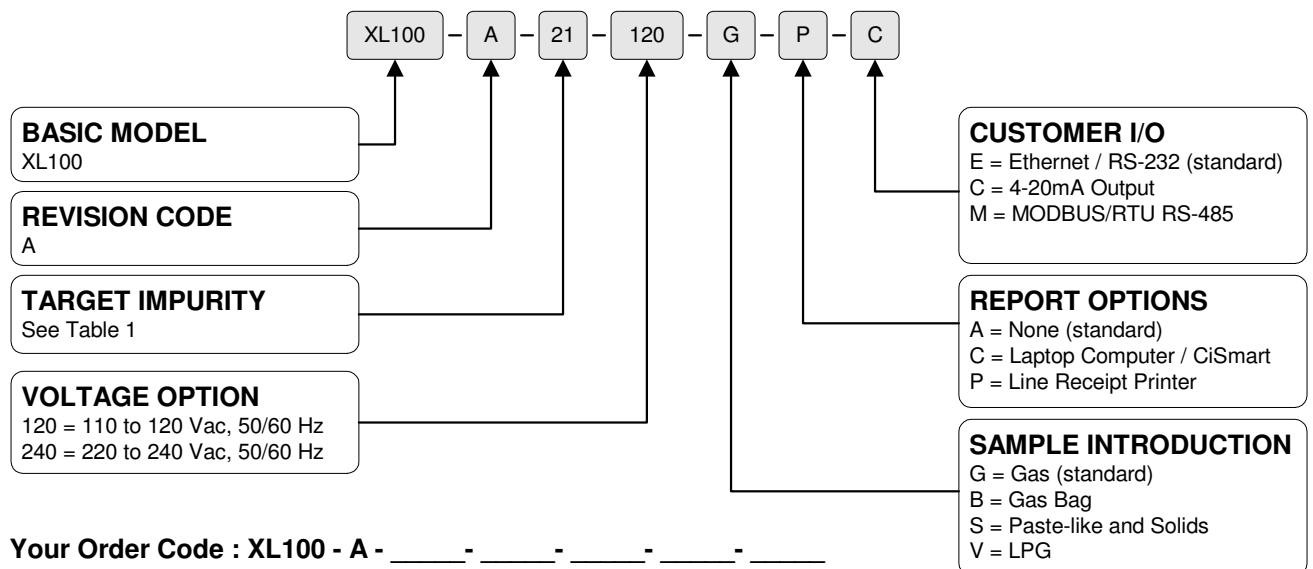
- XL100 Analyzer
- Calibration curve (See Table 1)
- Start-Up Kit

RECOMMENDED ACCESSORIES

- Model 220 Solids, Paste-like and Crude Oil Auto-Injector
- Model 960AMF Gas Calibration Blend Generator

ORDERING INFORMATION

Build your XL100 ordering code number by combining the designators in the sequence below.



Your Order Code : **XL100 - A -** _____ - _____ - _____ - _____ - _____