

Zeltex LLC introduces the

# ZX-101SQ

Enhanced  
Portable Fuel  
Analyzer



The Zeltex ZX-101SQ is the latest in the line of ZX-101 Portable Fuel Analyzers.

**zeltex**  
a dinamica generale company

For Analysis,  
Where You Need It Most,  
When You Need it Most™

# ZX-101SQ

## Enhanced Portable Fuel Analyzer

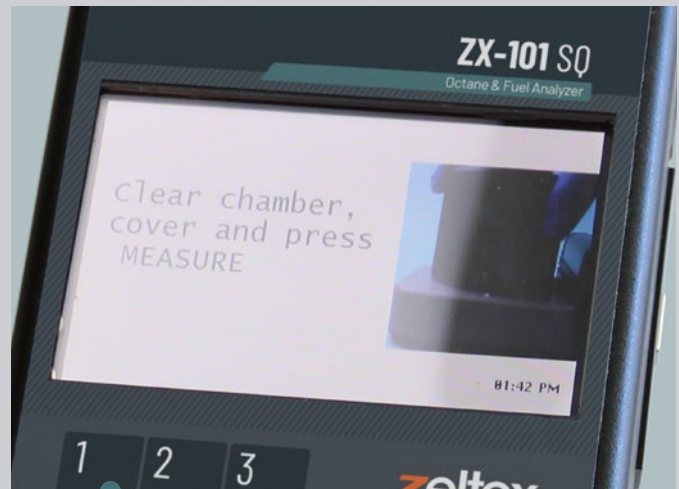
For over 25 years, Zeltex has been the world leader in portable fuel analysis. We are proud to introduce our newest Octane/Fuel Analyzer the ZX-101SQ.

The ZX-101SQ Enhanced Portable Fuel Analyzer combines the proven reliability and lab accuracy of the ZX-101XL that thousands of customers rely on with improved NearIR optics and an upgraded user interface.

The ZX-101XL is in use in over 60 countries worldwide, and 45 States in the United States. The ZX-101 line of portable fuel analyzers is the gold standard for portable fuel testing;

**For Analysis,**

**Where you need it most,  
When you need it most.**



Brighter, easier to see display shows you exactly the steps you need to take to quickly test fuel for Octane, Cetane and Ethanol and Biodiesel percentages.

The ZX-101SQ has added a large color display for ease of use, plus 2 additional wavelengths in the optics for improved calibrations and increased accuracy for Biodiesel. The ZX-101SQ still has the totally solid State Optics that has made the ZX-101XL the largest selling portable octane analyzer.

Enhanced optics and user-friendly interactive display enable you to quickly and accurately determine your fuel quality at the pump, at the rack, at the terminal and in production.

**Contact Zeltex LLC today  
for more information on the new  
ZX-101SQ Enhanced Fuel Analyzer.**

# Specifications for the ZX-101SQ

Function Quantitative constituent analysis for product research measurement and/or product monitoring.

## System Capabilities:

- Pre-calibrated for: Octane number RON, MON, (R+M)/2
- Optional Calibrations: Diesel cetane index, cetane number, biodiesel percentage
- Outputs: Full Color Display, built-in Printer that includes time and date of analysis
- Data Transfer: Via USB port for interface with PC
- Data Analysis: Includes full calibration software
- Results: Traceable to CFR Engine or other fuel lab standards
- Calibrations: Stores up to 10 calibration sets
- Automatic fuel detection (Gasoline/E-Gas/Diesel)
- Automatic temperature compensation
- Self-standardizing to ensure accuracy
- Data Storage: Stores data for up to 100 samples

## Optical Capabilities:

- Measurement Mode: Diffuse transmittance
- Spetrum Range: 16 filters covering wavelengths from 810 to 1045 nm
- Scan Speed: Up to 10 scans per second
- Optical Range: 0 to 6 AU
- Resolution: 0.00001 AU
- Stability: 0.05 Mili-AU
- Measurement Time: Variable (Typically under 25 seconds)

## Sample Information:

- Sample Size: 200mL with 75mm pathlength
- Sample Holder: Reusable glass with chemical seal cover
- Sample Preparation: None required
- Sample Destruction: None

## Physical Data:

- Dimensions: 4.7" x 13.5" x 2.2" inches (12cm x 33cm x 5cm)
- Weight: 3 lbs. (less than 2 kg),

## Installation Data:

- AC Power Requirements: 120 or 240 VAC 50/60 Hz AC adapter (supplied)
- DC Power Requirements: 6 "AA" alkaline batteries (included) 12V (optional)
- Automobile adapter
- Power Consumption 750 ma