

Portable Fuel Analysis

enhanced portable fuel analyzer

- Quick and easy lab accurate readings
- For analysis on site
- Costs pennies per test
- Eliminates the need to ship fuel samples to lab
- Long field life (average of 7+ years)
- Ease of calibration adjustment
- User friendly, menu driven interface
- Stand-alone instrument with ability to upload readings and calibrations to laptop/tablet/PC
- Larger screen to enable testing in all light conditions
- 45 second analysis with lab accuracy for RON, MON, R+M/2

The K88620 is the latest of the line portable fuel analyzer that is capable of testing fuels for octane, cetane, percent ethanol, and biodiesel percentages. Improved NearIR optics and a user-friendly interactive display enables quick and accurate determination of fuel quality at the pump, at the rack, at the terminal, and in production.

Included Components

- Instrument
- Case
- AA Batteries
- 5 Rolls of Printer Paper
- AC Power Cord
- Calibration Software
- User's Manual
- Quick Start Guide
- Calibration Manual

Dimensions

- 4.5" x 13.5" x 2.2" in (12cm x 33cm x 5cm)
- Net Weight
- 3 lbs. (less than 2 kg)

ordering information

catalog no. description

- | | |
|---------------|---|
| K88620 | Enhanced Portable Fuel Analyzer 120 VAC 60Hz |
| K88629 | Enhanced Portable Fuel Analyzer 220-240 VAC 50/60Hz |

accessories

- | | |
|------------------|---|
| K88620-1 | Additional Fuel Calibration (diesel, biodiesel) |
| K88607 | Aluminum Sample Case w/12 Jars |
| K88620-3 | Cigarette Lighter Adapter |
| K88620-4 | Extended Warranty, 1-year |
| K88613 | GPS Locator |
| K88609 | Labels for Sample Holders, 12 |
| K88608 | Lids for Sample Holders, 12 |
| K88605 | Light Shield |
| K88601 | Printer Paper (10 rolls) |
| K88620-10 | Printer Replacement Mechanism |
| K88604 | Sample Holders, Box of 12 |



K88620 Enhanced Portable Fuel Analyzer

specifications

Accuracy and repeatability equivalent to ASTM approved CFR engine test methods (ASTM D2699, D2700)

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



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