

MiniScan IR Vision

Fuel Analyzer

ASTM D5845, ASTM D6277, ASTM D7777,
ASTM D7806, EN1655, EN 238, EN 14078, ISO 15212

The MiniScan IR Vision is a high speed, compact and robust FTIR fuel analyzer for the comprehensive and automatic measurement of gasoline, jet fuels and diesel fuels. The analyzer is configured to measure more than 100 fuel parameters and components for fuel blending and quality inspection.

100+ Preconfigured Parameters measured

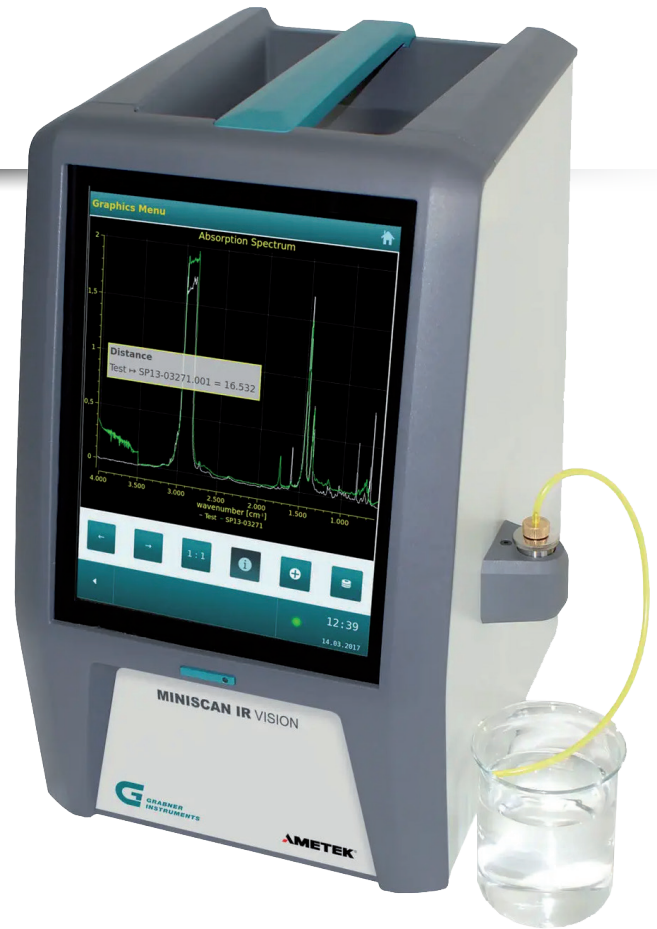
Compound Analysis is performed according to the international standards ASTM D5845 for oxygenates, ASTM D6277 and EN 238 for Benzene and EN 14078 for Biodiesel blends. A built-in temperature regulated density meter allows for exact determination and stability of fuel density. Octane and Cetane Number, Distillation, Vapor Pressure and other fuel properties are automatically determined from the full IR spectrum using Partial Least Square (PLS) analysis and advanced chemometric models following ASTM E1655. Several thousand data points are used to achieve best prediction accuracy. MiniScan IR Vision Fuel Analyzer operates calibration data with high quality standards. As a unique feature the instrument is equipped with a database of samples that have been collected and analyzed by SGS!

High Quality Portable Technology

MiniScan IR Vision Fuel Analyzer is unmatched in its class of portable fuel analyzers. The thermoelectric temperature regulation system, measuring cells and integrated density meter maximizes accuracy in measuring volume and mass percent of fuel compounds.

Robust for Field Use

Durability makes the instrument ideal for the challenges encountered during field or mobile testing. The MiniScan IR Vision incorporates robust and bubble free filling system. The fuel analyzer is protected by the shock and vibration tested Vision platform housing. A robust, 10" full color industrial touchscreen guarantees the highest visibility and ease of use.



Key Features

- Portable Fuel Analyzer for Gasoline, Diesel, Jet Fuel and Biofuel Blends
- Contamination Detection: Automatic Distance Analysis between Spectra
- 10" Industrial Full Color Touchscreen
- Smart 2+1 Cell Design
- Laser Controlled System
- Full Spectrum PLS Analysis Using Superior Processing Power
- Beam Splitter: Ge-Coated KBR
- Bubble Free and Robust Metal Filling System
- Thermoelectric Temperature Regulation of Filler, Density Meter and Cells
- Remote Access. Anywhere. Anytime.

