

InfraCal 2 ATR-B - Biodiesel In Diesel Analyzer

Calibrations

The InfraCal 2 Model ATR-B is available with a single or multiple calibrations. Analysis results of oil and grease concentration levels are displayed in parts per million (ppm) or milligram/kg.

PN	Factory Calibrations
405-2041-24	Model ATR-B Calibrated: 0 -100% Biodiesel in Diesel, using P/N: 403-1024 Includes Internal Battery, auto adapter and universal power supply.

Calibration Standard Sets

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403-1024	0-100% Biodiesel in Diesel Calibration Standards The set includes twelve standards; 0, 2, 5, 10, 15, 20, 25, 30, 50, 75, 95, 100 biodiesel in High Cetane diesel fuel prepared by a certified laboratory. Each vial contains 20 ml of standard, good for a minimum of 15 tests.

Accessories

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403-0013	Carrying Case for InfraCal Analyzers with pre-diced pluck foam. 18.5" x 14.6" x 8"; 10 lbs.
403-1086	Dust Cover

Specifications

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Analytical Wavelength/Wave Number	5.7 μ m, 1745 cm ⁻¹
Power Requirements	18 volts DC, 3.3 amps, internal battery pack
Power Supply	Universal AC/DC provided
Weight	5.8 lb. (2.6 kg) with battery -7.0 lbs (3.2 kg)
Dimensions	(17 cm) x 7.8" (19.8 cm) x 5.2" (13.2 cm)
Suggested Operating Range	5°C - 40°C
Measurement Range	0 - 100% Biodiesel in Diesel
Analysis Time	Less than 30 seconds
Instrument Repeatability	0 - 30% \pm 0.2%, 20 - 100% \pm 1% of biodiesel (FAME) concentration
Communication Port	USB, RS 232