

InfraCal 2 ATR-E - Ethanol In Gasoline Analyzer

Calibrations

The InfraCal 2 Model ATR-E 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
405-2042-1030	Model ATR-E Calibrated: 0-20% & 70-100% Ethanol in Gasoline using P/N's 403-1026 or 403-1027. Includes Internal Battery, auto adapter and universal power supply

Calibration Standard Sets

PN	Calibration Standards Sets
403-1026	5 Point Ethanol Low Concentration Calibration Standard Set Standard concentrations are 0, 5, 10, 15, and 20% ethanol in gasoline. Standards are prepared by a certified laboratory. Each vial contains 20 ml of standard, good for a minimum of 15 tests.
403-1027	5 Point Ethanol High Concentration Calibration Standard Set Standard concentrations are 70, 80, 90, 95, and 100% ethanol in gasoline. Standards are prepared by a certified laboratory. Each vial contains 20 ml of standard, good for a minimum of 15 tests.

Accessories

PN	Accessories
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	9.6 μ m, 1045cm-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 - 20 & 70 - 98% ethanol in gasoline
Analysis Time	Less than 30 seconds
Instrument Repeatability	0 - 20% \pm 0.2%, 20 - 98% \pm 1% of ethanol in petrol concentration
Communication Port	USB, RS 232