



***SELECTION GUIDE: Infrared Industries Gas Analyzers - Automotive***

At Infrared Industries, we have a long history as an established market leader in the automotive test and measurement industry. We offer both handheld and portable exhaust gas analyzers for automotive performance tuning, diagnostic, and emission testing. This chart will help you decide when to purchase the FGA4000XDS, FGA4500, or HM5000 gas analyzer.

	<b>FGA4000XDS</b>	<b>FGA4500</b>	<b>HM5000</b>
<b>YOU NEED</b>			
Measure HC, CO, CO2, and O2 (and NOx *)	X	X	X
Calculate AFR, Lambda, GPM , and GPK	X	X	X
Measure RPM *	X	X	X
Hand held			X
Multi-language support (English, Arabic, Spanish, or custom language)		X	X
Large super bright LED display	X		
Internal printer with custom print-outs *	X	X	
External printer with custom print-outs *	X	X	X
BAR-90 certified	X	X	COMPLIANT
BAR-97 performance specifications met	X	X	X
Canada AirCare Certified	X	X	COMPLIANT
OIML Class I Gas standards met or exceeded	X	X	
Rechargeable Battery	OPTIONAL	OPTIONAL	STANDARD
Ability to plug into car cigarette lighter	X	X	X
AC/DC power cable plus fuse	X	X	X
Built-in data recorder	X	X	X
Remote control, display, and play back of data through IRI Display Software	X	X	X
Dual exhaust measurement	X	X	X
Internal water separator and purge pump	X	X	X
Extended warranty available	X	X	X
10 foot sampling hose			X
25 foot sampling hose	X	X	OPTIONAL
Motorcycle fittings *	X	X	X

\*Optional