

SELECTION GUIDE: Infrared Industries Gas Analyzers - Industrial

This chart helps you choose which Infrared Industries gas analyzer to purchase. If you are interested in an optical bench, which can be built into your system, please consult our NDIR Optical Bench Selection Guide.

	IR-208	IR-6000	IR-6400DC	IR-8400D IR-8400DC IR-8400D Dual Stream IR-8400DOX
FORM FACTOR OPTIONS				
Handheld analyzer		x	x	
Black box analyzer				
Rack mounted analyzer	x			
Panel mounted analyzer				x
Wall mounted analyzer				
Console analyzer	x			
Portable analyzer		x	x	
ENCLOSURE OPTIONS				
Explosion-proof, NEMA 7 certified enclosure	optional			x
Dust-proof	x	x	x	x
Weather-proof				x
Custom	x			
DISPLAY OPTIONS				
Touch screen graphic LCD display	x			x
Touch screen graphic LED display				
Soft key, LCD display		x	x	x
Magnetic key interface				x
Multi-language		x	x	
GAS MEASUREMENT				
Ability to measure up to 5 gases simultaneously	x	x		x
Ability to measure up to 6 gases simultaneously	x			
Customizable Gas selection	x	x		
NDIR Infrared sensor	x	x		x
Electrochemical, paramagnetic, or other sensors	optional	optional		optional

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Multiple sample streams				IR-8400D Dual Stream only
Bluetooth (optional)	x			
USB (adapter required)	x			
OPTIONS				
Automatic calibration				x
Extended warranty – extends warranty for two years (standard warranty of one year is included)	x	x	x	x
Portable printer		x	x	
InfraView Software	x	x	x	x
YOUR APPLICATION IS				
Chemical				
CO2 and O2 based ventilation	x	x	x	
Combustion monitoring for boilers and furnaces	x			x
Continuous Emissions Monitoring (CEM)	x			x
Controlled atmospheres	x	x	x	
Environmental monitoring	x	x	x	x
Flue gas testing and measurement	x	x	x	
Food processing		x	x	
Fruit and vegetable storage		x	x	
Hydrocarbon monitoring	x	x	x	
Industrial	x	x	x	x
Laboratory	x			
Landfill BTU calculations and process management	x	x	x	
LEL monitoring – fuel tanks and gas lines	x	x	x	
Monitoring atmospheres in heat treated and annealing furnaces and process steam control	x	x	x	x
Petroleum company, refinery, or transfer station	x		x	x
Pharmaceutical	x	x		
Process monitoring	x	x		

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Regulatory compliance	x	x	x	x
Respiration studies		x	x	
Safety monitoring	x	x	x	
Stack gas monitoring		x	x	
Steel production				
Stove emissions certification	x	x	x	
Toxic and hazardous gas detection	x	x	x	
Utility	x		x	x
Well logging	x		x	

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