

IR-6400DC THC Handheld Gas Analyzer



IR-6400DC Total Hydrocarbon Handheld Gas Analyzer Features:

- Total hydrocarbon (THC) analyzer
- Multi-language LCD display
- Built-in data recorder
- Completely self-contained unit
- Fast warm-up: less than 30 seconds

TOTAL HYDROCARBON GAS ANALYZER FOR ON-THE-GO TESTING

Now you have the power of our industrial gas analyzers in your hand with the IR-6400DC (compensated) Total Hydrocarbon (THC) Handheld Gas Analyzer. The IR-6400DC is compact, lightweight, fast responding, highly accurate and reliable, and perfect for on-the-go testing.

The IR-6400DC is specifically designed to measure CH₄ (methane) in addition to the full range of hydrocarbons. This allows the analyzer to distinguish a discrete CH₄ value to either be read separately from the THC reading or removed from it.

The benefit here is the CH₄ being a naturally occurring hydrocarbon is not required to be reported as a constituent of the THC reading. The problem has been that methane is very difficult to separate from other hydrocarbons and therefore becomes a component of the measured THC reading.

The ability to distinguish and separate the CH₄ component allows the CH₄ constituent to be removed from the THC reading, allowing the analyzer to report only the THC actually generated by the process requiring monitoring and reporting.

The IR-6400DC reads total hydrocarbons and calibrates to a propane standard. Optional standards such as butane are available upon request.

Multi-language LCD Display

Text can be displayed on the LCD display in English, Spanish, or Arabic. If you have a need for several units in another language, please contact us to discuss.

Built-in Data Recorder

The IR-6400DC Gas Analyzer has a built-in recorder that stores data, which can later be downloaded to a PC for analysis and safekeeping.

InfraView Software

You can hook up an IR-6400DC analyzer to your PC and use InfraView Software from Infrared Industries to control, display, and graph the data from the IR-6400DC and up to seven additional Infrared Industries gas analyzers or benches.

Manufactured in the USA

The IR-6400DC is a self-contained gas analyzer. Each unit is completely manufactured and supported by Infrared Industries.

Company Overview

Infrared Industries got its start in 1959 and is widely recognized for serving the petroleum, medical, utility, automotive, environmental, and industrial industries with rugged, reliable, accurate, and affordable analyzers. With over 50 years of experience, Infrared Industries has proven the ability to produce the finest measuring, monitoring, and compliance gas analyzer instrumentation available.

APPLICATIONS

- Hydrocarbon monitoring
- Regulatory compliance
- Mobile job site testing
- Petrochemical industry
- Process compliance monitoring

IR-6400DC

COMPENSATED THC HANDHELD GAS ANALYZER

SPECIFICATION	VALUE
Measuring method	Multi-channel NDIR single beam
Gas measured	C3H8 and CH4
Output	RS-232
Power	External: 10-16 VDC Internal: Rechargeable lithium ion battery pack
Sample flow	Internal sample pump
Ambient operating temperature	35° to 110° F (1.7° to 43.3° C)
Sample temperature	32° to 482° F (0° to 250° C)
Materials in sample flow path	Sapphire, 303 stainless steel, Viton
Response time	Less than 10 seconds
Warm-up time	Less than 30 seconds
Display	Backlit LCD, graphic, 128x 64, multi-language (English, Spanish, and Arabic)
Front panel	5-button operator interface
Dimensions	7.5" x 3.5" x 2"
Weight	Less than 2 pounds

STANDARD GASES MEASURED

GAS	RANGE	DISPLAY RESOLUTION	ACCURACY
Methane (CH4)	0.5% - 20%	.01	± 2% full scale
Propane (C3H8)	0.5% - 5%	.01	± 2% full scale

ACCESSORIES AND OPTIONS

ACCESSORY	INCLUDED	OPTIONAL
Sample hose	x	
Rechargeable battery	x	
Serial cable	x	
One year warranty	x	
InfraView Software		x
External printer		x
Extended warranty		x

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