

IR-741/XP Sample Conditioner



The IR-741 Sample Conditioner is used for both laboratory and industrial applications and features a built-in pump and a flow meter and provides the flow regulation required for accurate readings with any gas analyzer.

A filter removes particulates and moderate amounts of water. This conditioner features inputs for two sample points as well as zero gas and calibration gas connections. The IR-741 is certified for NEMA 4 enclosures. This instrument is available for either corrosive or non-corrosive service and can be wall or desktop mounted.

Features of the IR-741 and IR-741XP

- Two-point sampling with zero and span selection
- Metered flow
- Particulate filtration and condensation trap
- Diaphragm pump
- Explosion-proof (IR-741XP)
- Varied mounting options

Sample Requirements

- Sample Flow: 1-10 scfh (0.5-5 l/min)
- Maximum inlet pressure: 25psig (172 kPa)
- Maximum inlet temperature: 175° F (79° C)
- Minimum inlet temperature: 32° F (0° C)

Warranty

Infrared Industries warrants each new gas analyzer of its manufacture to be free of defects in material and workmanship for one year from the date of delivery. An extended warranty is also available.

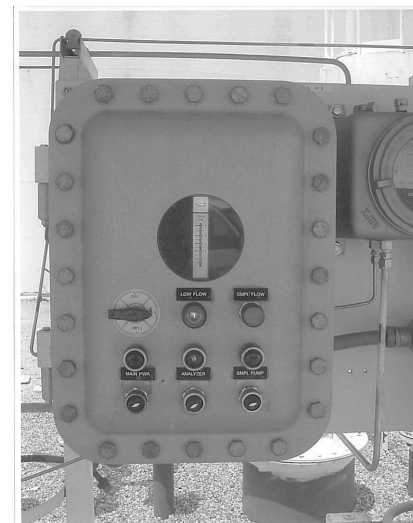
Company Overview

Infrared Industries has been a leading developer and producer of state-of-the-art gas analyzers instrumentation since 1969. The company is widely recognized for servicing the motor vehicle, industrial, utility, environmental, research and analytic, and petroleum industries with rugged, reliable, accurate and affordable analyzers.

BUILT TO LAST IN TOUGH ENVIRONMENTS

The IR-741XP Sample Conditioner is for applications requiring NEMA-7 (National Electrical Manufacturers Association) compliance standards such as refineries and petroleum transfer stations. Encompassing all the features of the standard IR-741, the IR741-XP boasts a temperature-controlled environment, low-flow alarm, and a NEMA-7 explosion proof enclosure.

The IR741-XP rugged all-weather design will assure you of many years of trouble-free service while safeguarding your test equipment from maintenance inducing contaminants of your test site.



IR-741XP Sample Conditioner in an explosion-proof enclosure for oil field protection

APPLICATIONS

- Industrial
- Utilities
- Refineries
- Stove emissions certification