

# IR-1150 Sample Conditioner



The IR-1150 is a high-pressure sampling system designed to remove particulates and condensed vapors from the emission that petroleum companies, refineries, and transfer station are federally and locally required to monitor. This state-of-the-art sample conditioner features a two-filter sample system that is complete with a pressure regulator, flow meter, and calibration gas selector valve.

Capable of withstanding up to 3000 psi, the IR-1150 removes heavy debris, moisture, heavy vapors, and oils from a sample gas. Highly engineered with a secondary filtering system where pressure drops to as low as 3 psi, it removes the smallest of particles, keeping your gas contaminant-free.

The IR-1150 is constructed of corrosive-resistant stainless steel materials. A panel is supplied for mounting both sampler system and gas analyzer. Panel dimensions are 27.5" H x 23" W (69cm x 58cm). This unit accurately delivers a sample to an Infrared Industries IR-8400D Gas Analyzer.

Chemical, utility, and pharmaceutical companies use the IR-1150 to monitor processes on a daily basis to ensure that they remain within federal and state environmental compliance standards.

## IR-1150 Features:

- Provides clean, dry sample to the analyzer
- High-pressure sample conditioner
- Stainless steel filter construction
- Filters moisture, dirt, heavy vapors, oils, and rusty water

## TWICE THE PROTECTION IN EVERY SAMPLE

### IR-1150 Sample Conditioner Consists Of:

- A particulate filter and liquids trap with input valve and auto-drain
- A pressure regulator with safety relief valve
- A second particulate filter and liquids trap with manual drain
- A gas selector valve for zero, span, and sample gases
- A flow indicator with valve for adjusting the sample flow
- All stainless steel construction

### 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. Their experience in time-tested gas analyzer equipment has expanded throughout the growth of this industry.

## APPLICATIONS

- Chemical
- Utility
- Pharmaceutical