



Cosmos XP-702IIIS Handheld Combustible Gas Detector

DOD Technologies

The Cosmos XP-702IIIS-A UL Handheld Combustible Gas Detector can detect two different combustible gases (switchable) at as little as 10 ppm (or 30 ppm for refrigerants). The extractive pump draws samples that locate even trace amounts of combustible gas.

This device is smaller and lighter than conventional models - approximately 50% smaller and 30% lighter. It is equipped with two flashing alarm lights and a long battery life. It can run for up to 12 continuous hours on two AA batteries. UL Listed.



EMERGENCY



RESPONSE

LONG



BATTERY LIFE

EASILY



PORTABLE



LISTED

Specifications

Model	XP-702IIIS-A UL
Sensor Type	Hot-wire semiconductor
Target Gas	Two combustible gases (switchable)
Target Gases	Combustible gas: Methane, Iso-Butane, Hydrogen, Ammonia, Propane, Benzene, Acetylene, EO, Ethylene, Ethane, Butadiene, etc.
	Refrigerant gases: R22, R32, R404A, R407C, R600a(i-B), R410A, etc.
Continuous Operation Time ^{*3}	Approx. 12 hours
Sampling Method	Extractive
Detectable Leak Rate	Combustible gas: 3.3×10^6 Pa-m ³ /s
	Refrigerant gases: [R-407] 12.4g/year; [R-410A] 11.2g/year
Lowest Detectable Concentration	Combustible gas: 10 ppm
	Refrigerant gas: 30 ppm
Response Time	Less than 5 seconds (does not apply to refrigerant gases)
Power Source	2 x AA alkaline batteries
Battery Life	Approx. 12 hours
Operating Temperature/Humidity	-20 to +50°C, 85% RH or less (no condensation)
Approvals	UL, Class 1 Div 1, Groups C and D, T3 Class 1, Zone 0, AEx ia IIB T3 Ga
Dimensions	1.5"W x 5.3"H x 1.25"D (W38 x H135 x D32mm)
Weight	Approx. 0.42 lbs. (190g), incl. batteries & leather case
Accessories	Leather case, Drain filter, Filter element, Gas probe, Dust filter, Hand strap, 2 x AA alkaline batteries
Options	Annealed copper tube, Gas collector, Sampling hose

Features and Applications

FEATURES

Smaller and Lighter

50% smaller and 30% lighter than conventional models

Two Alarm Lights

Equipped with 2 easy-to-notice flashing alarm lights

Concentrations

As little as 10 ppm can be detected (30ppm for refrigerant)

Capable of Detecting 2 Different Gases

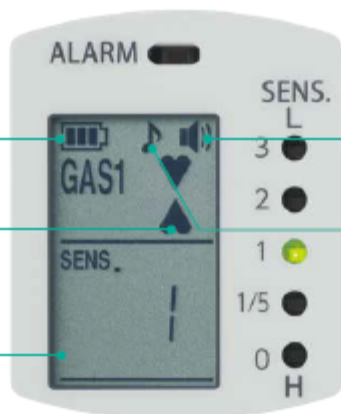
(Target models: XP-702IIIS-A, XP-702IIIS-F)

DISPLAY

Battery Level

Pump Status

Gas Sensitivity,
Error Code

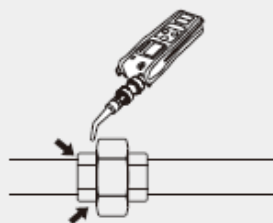


Alarm Sound

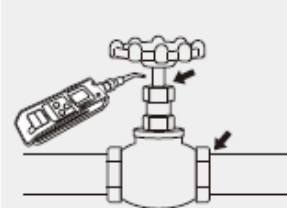
Sound on/off
(Alarm)

APPLICATIONS

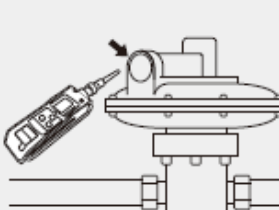
Flange



Valve



Reducing valve



Air conditioner pipe





REALIBILITY & SUPPORT

DOD Technologies is the global leader in low-level gas detection systems and solutions. We understand the importance of keeping your employees safe and business operational and know that that false alarms can cost millions of dollars in lost productivity.

In addition to our ChemLogic® systems, we've partnered with other global-leading manufacturers to establish a comprehensive line of high-quality, gas detection products. The DOD portfolio includes fixed systems, portable gas detectors, controllers, systems integration and on-site field services. Our network of professional service technicians are also available to assist you with an expertise in low-level gas detection.

For more information, or to order, please visit us at DODtec.com.



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