

Be sure, be safe.

COSMOS

GAS LEAK DETECTOR XP-702IIIS

**Smaller and Lighter
with High Sensitive Detection.**

Perfect for Finding Gas Detection.

With Flashlight



• America Ex (UL) approved

FEATURES

Smaller and Lighter

Attained 50% reduction in volume and 30% reduction in weight from the conventional models.

Two Alarm Lights

Easy to notice the alarm by flashing 2 alarm lights at hand.

Trace Gas is Detectable

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

Capable of Detecting 2 Gases

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

LCD DISPLAY



PART NAMES



TARGET GAS

Refrigerant	R22, R32, R404A, R407C, R600a(i-B), R410A, etc.
Combustible Gas	Methane, Iso-Butane, Hydrogen, Ammonia, Propane, Benzene, Acetylene, EO, Ethylene, Ethan, Butadiene, etc.

SPECIFICATIONS

Model	XP-702IIIS-A	XP-702IIIS-B	XP-702IIIS-F
Target Gas	2 combustible gases (switchable)	One combustible gas	One combustible gas and refrigerant
Detection Principle	Hot-wire semiconductor		
Detectable Leak Rate	Combustible gas: 3.3×10^{-6} Pa·m ³ /s		Refrigerant: [R-407C] 12.4g/year [R-410A] 11.2g/year
Lowest Detectable Concentration	Combustible gas: 10ppm		Refrigerant: 30ppm
Response Time	Less than 5 seconds except refrigerant		
Power Source	Size AA alkaline battery x 2		
Battery Life	Approx. 12 hours (with size AA alkaline batteries at 25 °C)		
Explosion-proof	UL: Class I, Division 1, Groups C and D, T3 Class I, Zone 0, AEx ia IIB T3 Ga Japan Ex: Ex ia IIB T3 Ga		
Operating Temperature/Humidity	-20 to +50 °C, less than 85% RH or less (no condensation)		
Dimensions	Approx. W38 x H135 x D32 mm		
Weight	Approx. 190g (including batteries and leather case)		
Accessories	Leather case, Drain filter, Filter element, Gas probe, Dust filter, Hand strap, 2 x AA alkaline battery, Instruction manual		
Optional Accessories	Annealed copper tube, Gas collector, Sampling hose, etc.		

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SAFETY WARNING

Carefully read the instruction manual prior to use.

Select and use the device designed to detect the required type of gas. Use of a wrong sensor type may cause an accident.