

COMBUSTIBLE GAS DETECTORS

GAS LEAK DETECTOR **XP-702III**



Hot wire semiconductor sensor



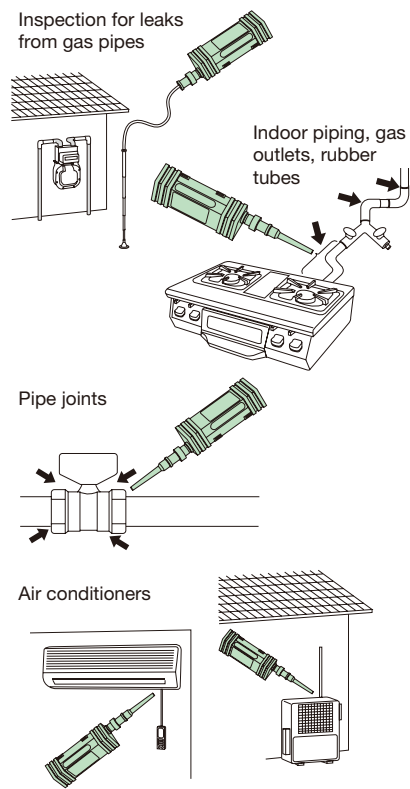
FEATURES

- Smaller and Lighter
- Easy-to-See LCD Display
- Two Alarm Lamps
- Trace Gas can be Detected
- Capable of Detecting 2-Gas

SPECIFICATIONS

Model	XP-702III-A	XP-702III-B	XP-702III-F
Target Gas	2 combustible gas (switchable)	1 combustible gas	CFC & Combustible (switchable)
Detection Principle	Hot-wire semiconductor		
Detectable Leak Rate	Town gas, LPG, etc.: 3.3 × 10 ⁻⁶ Pa.m ³ /s CFCs: [R407C] 12.4g/year [R410A] 11.2g/year		
Detectable Concentration	10 ppm (CFCs: 30ppm)		
Response Time	Within 3 seconds (except for CFCs)		
Power Source	2 × Size AA alkaline battery (LR6)		
Battery Life	Approx. 12 hours (with size AA alkaline batteries at 25 degrees C)		
Explosion-proof Structure	Ex ia II BT3 (intrinsically safety)		
Operating Temperature/Humidity	-20 to 50 degrees C, less than 85% RH (non condensing)		
Dimensions	Approx. 38 (W) × 130 (H) × 32 (D) mm (excluding protrusions)		
Weight	Approx. 190g (including batteries and soft case)		
Standard Accessories	Soft case, Drain filter, Filter element, Gas probe, Dust filter, Hand strap, 2 × AA alkaline batteries, Instruction Manual		
Optional Accessories	Annealed copper tube, Gas collector, Sampling hose, etc.		

USAGE EXAMPLES



CART TYPE GAS DETECTOR **XP-707II**



Hot wire semiconductor sensor



FEATURES

- Compact storage.
- Available to monitor in low gas concentration. (from 0-30ppm range)
- Auto-zero adjustment function.
- Self-diagnosis function.
- Available to adjust alarm sound level.

SPECIFICATIONS

Model	XP-707II
Gas Detected	Natural gas (CH ₄ based)
Detection Principle	Methane selective hot wire semiconductor
Sampling method	Diffusion
Detection Range	0-30ppm, 0-100ppm, 0-10,000ppm (3 ranges: S, L, H)
Alarm Set Value	L/H range: 20ppm (intermittent sound), 100ppm (continuous sound) S range: 0-30ppm (intermittent sound)
Response time	Approx. 7s (90% response)
Alarm Indication	(Gas detection) By gas concentration indicator. Buzzer sound changes from intermittent to continuous when gas concentration exceeds alarm set value. (Sensor malfunction) Flash left lamp for gas concentration indication. Intermittent buzzer sound. *Sensor and pump are stopped automatically. (Pump malfunction) Flash right lamp for gas concentration indication. *Sensor and pump are stopped automatically.
Operating Temperature	0 to 40°C
Power Source	4 × D alkaline dry cells or D manganese dry cells
Battery life *1	Up to 80 hours (alkaline dry cells) Up to 20 hours (manganese dry cells)
Form	Cart type (Simple drip-proof structure)
Dimensions	W245 × H1125 × D435mm W245 × H790 × D280mm (in case of storage)
Weight	Approx. 4.9 kgs. (including batteries)

*1 Battery life may vary with ambient conditions, conditions of use, storage period, battery manufactures, etc.



Compact storage