

Be sure, be safe.

COSMOS

GAS LEAK DETECTOR
XP-702III

Smaller and lighter with
easy-to-see LCD display,
perfect for trace gas detection.



CE

FEATURES

Smaller and Lighter

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

Easy-to-See LCD Display

Easy-to-see LCD with display of battery life and sound effect settings of alarm and operation.

Two Alarm Lamps

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

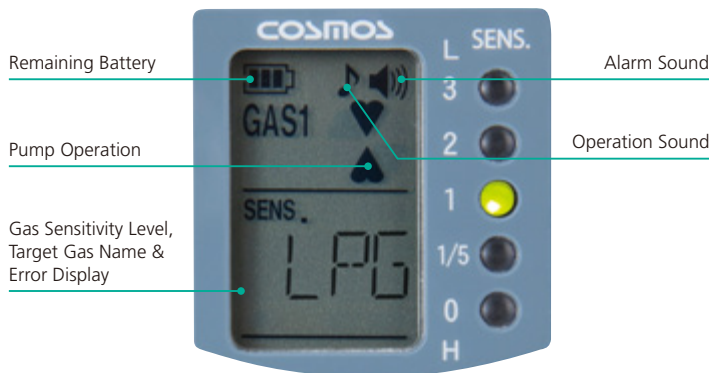
Trace Gas is Detectable

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

Capable of Detecting 2 Gases

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

LCD DISPLAY



PART NAMES



TARGET GAS

CFC	R22, R32, R404A, R407C, R600a(i-B), 410A, R134a, etc.
Combustible Gas	Methane, Iso-Butane, Hydrogen, Ammonia, Propane, Benzene, Acetylene, EO, Ethylene, Propylene, Ethan, Butadiene, Dichloroethane, etc.

SPECIFICATIONS

Model	XP-702III-A	XP-702III-B	XP-702III-F
Target Gas	2 types of combustible gas (switchable)	One type of combustible gas	CFC and combustible gas (switchable)
Detection Principle	Hot-wire semiconductor		
Detectable Leak Rate	Town gas, LPG, etc.: 3.3 x 10 ⁻⁶ Pa.m ³ /s CFCs: [R407C] 12.4g/year [R410A] 11.2g/year		
Detectable Concentration	10ppm (CFCs: 30ppm)		
Response Time	Within 3 seconds (except for CFCs)		
Power Source	Size AA alkaline battery (LR6) x 2		
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 (with no condensation)		
Dimensions	Approx. 38 (W) x 130 (H) x 32 (D) mm (excluding protrusions)		
Weight	Approx. 190g (including batteries and soft case)		
Accessories	Soft 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.		

NEW COSMOS ELECTRIC CO., LTD.

New Cosmos Electric Co., Ltd. [Overseas Business Division]
2-6-2 Hamamatsu-cho, Minato-ku, Tokyo 105-0013 JAPAN
TEL. +81-3-5403 2715 Email. e-info@new-cosmos.co.jp www.new-cosmos.co.jp/en

New Cosmos-BIE [B.V.]
1704 SG Heerhugowaard The Netherlands
TEL. +31-72-576 5630 Email. sales@newcosmos-europe.com www.newcosmos-europe.com

New Cosmos Electric (Shanghai) Co., Ltd.
4th Plant No.385, Dongxing Road, Songjiang Industrial Zone, Shanghai, China 201613
TEL. +86-21-6774 3138 Email. e-info@new-cosmos.co.jp www.new-cosmos.co.jp



SAFETY WARNING

Read the operating instructions thoroughly before use. Always operate in accordance with the instructions.
Be sure to choose the sensor designed to detect the required type of gas. Use of the wrong sensor type could cause an accident.

New Cosmos Electric Co., Ltd. [Korea Office]

Bundang Doosan We've Pavilion A-2222 7, Jeongja-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, Korea 463843
TEL. +82-70-8615- 2715 Email. e-info@new-cosmos.co.jp www.new-cosmos.co.jp

New Cosmos Electric Co., Ltd. [Taiwan Office]

8F, No.419, Sec.2, Gongdao 5th Road, Hsinchu city, Taiwan 30070
TEL. +886-3-574 4593 Email. e-info@new-cosmos.co.jp www.new-cosmos.co.jp