

Be sure, be safe.

COSMOS

GAS LEAK DETECTOR
XP-702IIIS

**Smaller and Lighter
with High Sensitivity Detection**

Perfect for Finding Gas Leaks

Built-in Flashlight

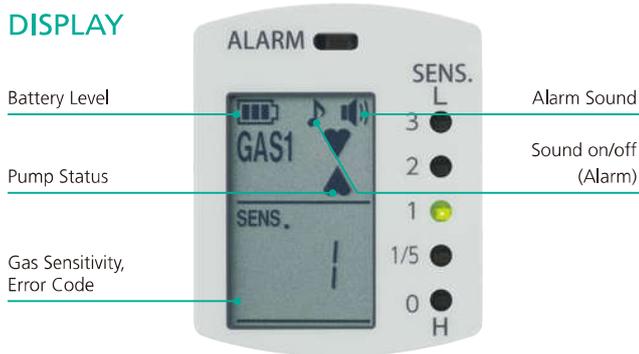


• UL Approved

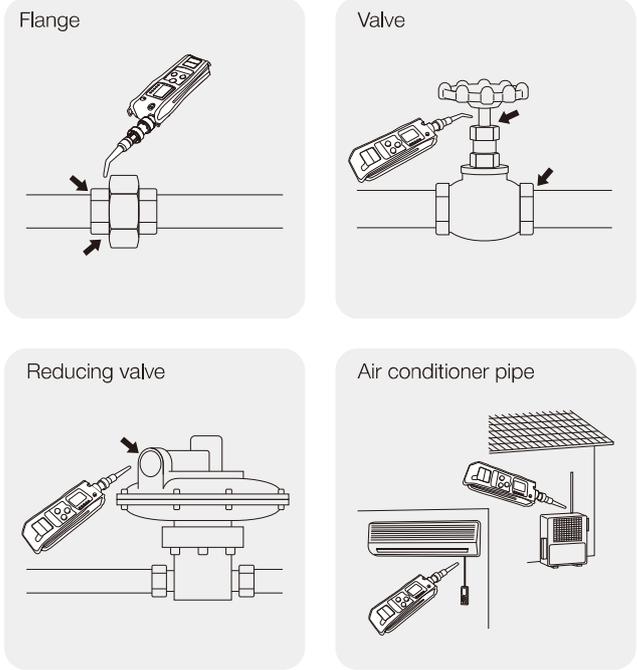
FEATURES

- 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



APPLICATIONS



TARGET GASES

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

SPECIFICATIONS

Model	XP-702IIIS-A	XP-702IIIS-B	XP-702IIIS-F
Target Gas	2 combustible gases (switchable)	One combustible gas	One combustible and refrigerant gas
Sensor Type	Hot-wire semiconductor		
Detectable Leak Rate	Combustible gas: 3.3×10^{-6} Pa·m ³ /s		Refrigerant gases: [R-407C] 12.4g/year [R-410A] 11.2g/year
Lowest Detectable Concentration	Combustible gas: 10ppm		Refrigerant gas: 30ppm
Response Time	Less than 5 seconds (does not apply to refrigerant gases)		
Power Source	2 x AA alkaline batteries		
Battery Life	Approx. 12 hours		
Approvals	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	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 batteries		
Options	Annealed copper tube, Gas collector, Sampling hose, etc.		

NEW COSMOS ELECTRIC CO., LTD.

Offices

Head Office (Osaka, Japan)
2-5-4 Mitsuyunaka, Yodogawa-ku, Osaka, Japan 5320036
Phone: +81-6-6885-8484
E-mail: e-info@new-cosmos.co.jp

Thailand Office
4345 Bhiraj Tower at BITEC, 23rd Floor, Sukhumvit Rd.,
South Bangna, Bangna, Bangkok 10260 Thailand
Phone: +66-2-017-5175
E-mail: info.cosmosthailand@new-cosmos.co.th

Paris Office
128 Rue Du Faubourg Saint-Honore, 75008 Paris, France

Group Companies

NEW COSMOS ELECTRIC (SHANGHAI) CO., LTD.
4th Plant No.385, Dongxing Road, Songjiang Industrial Zone,
Shanghai, China 201613
Phone: +86-21-6774-3138
E-mail: info@new-cosmos.com.cn

NEW COSMOS ELECTRIC KOREA CO., LTD.
3F, 4F BMY Tower, 16, Teheran-ro 27-gil, Gangnam-gu, Seoul, Korea
Phone: +82-2-555-3102
E-mail: info@new-cosmos.co.kr

TAIWAN NEW COSMOS ELECTRIC CO., LTD
10F-3, No. 93, Shuiyuan St., East Dist., Hsinchu City 300042, Taiwan
Phone: +886-3-574-4593
E-mail: cosmost1@ms75.hinet.net

Your Authorized New Cosmos Distributor:

Minerva Industrial & Trading Pte Ltd
T: 6848 5155 E: sales@minerva-intra.com W: www.minerva-intra.com.sg

New Cosmos USA, Inc.
650 Warrenville Road, Suite 101, Lisle, IL 60532, USA
Phone: +1-847-749-3064
E-mail: support@newcosmosusa.com

New Cosmos-BIE (Netherlands)
Maxwellstraat 7, NL-1704 SG, Heerhugowaard,
the Netherlands
Phone: +31-72-576-5630
E-mail: sales@newcosmos-europe.com



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.