Specifications

Sampling Method		Extractive
Alarm Method	Gas Alarm	Beeping with flashing red light and AL icon on the LCD
	Device Error	Beeping with flashing yellow light and error message on the LCD
Power Source		・Non-rechargeable alkaline AA battery x4: Toshiba LR6, Panasonic LR6X, Duracell MN1500, Energizer E91 or Varta 4106 ・Rechargeable nickel metal hydride AA battery x4: New Cosmos HR-3UTG
Operating Temperature/Humidity		-20 to +50°C 95%RH. No condensation
Compliance*1		ATEX: ⟨Ex⟩ II 1G Ex ia da IIC T4 Ga*1 IECEx: Ex ia da IIC T4 Ga*1 CE (ATEX, EMC, RoHS, RE and LVD directives) UL: Class 1, Division 1, Groups A, B, C and D, Class 1, Zone 0 AEx da ia IIC Ga (Other than XP-3380II)
Ingress Protection		IP67
Main Features		Self-diagnosis (sensor error), Zero adjustment, Battery level indication, Flashlight, Peak-hold, LCD backlight, Audio alarm muting during gas alarm, Time indication, Alarm test, Alarm volume change, Audio muting
Dimensions		W91×H164×D44 mm
Mass		Approx. 460 g (including batteries)
Accessories		Gas sampling tube (1m), Shoulder strap, Drain filter, Filter element, Alkaline AA batteries (or Rechargeable nickel metal hydride AA batteries) x 4, Screen protector film x 3

Model	Multi Gas Detector					
	XP-3368II-W		XP-3368II		XP-3318II	
Target Gas	Combustible gas /Solvent gas	Oxygen	Combustible gas /Solvent gas	Oxygen	Combustible gas /Solvent gas	Oxygen
Detection Principle	Catalytic	Galvanic cell	Catalytic	Galvanic cell	Catalytic	Galvanic cell
Measuring Range (Reference Indication)	0.0–100.0%LEL (100.1–110.0%LEL) Enable to display in ppm.	0–25vol% (25.1–50.0vol%)	0–5000ppm or 0–10000ppm (5001–5500ppm or 10001–11000ppm)	0–25vol% (25.1–50.0vol%)	0–100%LEL (100.1–110.0%LEL)	0–25vol% (25.1–50.0vol%)
Accuracy*2	≤ 1000ppm: ±100ppm 1001ppm < n ≤ 10000ppm: ±500ppm Other than above: ±5%F.S.	±0.3vol%	≤10%F.S. : ±1%F.S. >10%F.S. : ±5%F.S.	±0.3vol%	±5%F.S.	±0.3vol%
Resolution	0.1%LEL or 1ppm	0.1vol%	1ppm	0.1vol%	0.1%LEL	0.1vol%
Alarm Set Value	20%LEL	18vol%	250ppm or 500ppm	18vol%	20%LEL	18vol%
Response Time	T90: 30 seconds	—	T90: 30 seconds	—	T90: 30 seconds	—
Continuous Operation Time*3	Approx. 15 hours					

Model	Combustible Gas Detector				Oxygen Detector
	XP-3360II-W	XP-3360II	XP-3310II	XP-3340II	XP-3380II (-E)*4
Target Gas	Combustible gas/Solvent vapor			Combustible gas/Inert gas	Oxygen
Detection Principle	Catalytic			Thermal conductivity	Galvanic cell
Measuring Range (Reference Indication)	0.0–100.0%LEL (100.1–110.0%LEL) Enable to display in ppm.	0–5000ppm or 0–10000ppm (5001–5500ppm or 10001–11000ppm)	0–100%LEL (100.1–110.0%LEL)	0–100.0vol%	0–25vol% (25.1–50.0vol%)
Accuracy*2	≤ 1000ppm : ±100ppm 1001ppm < n ≤ 10000ppm: ±500ppm Other than above: ±5%F.S.	≤10%F.S. : ±1%F.S. >10%F.S. : ±5%F.S.	±5%F.S.	±5%F.S.	±0.3%F.S.
Resolution	0.1%LEL or 1ppm	1ppm	0.1%LEL	0.1vol%	0.1vol%
Alarm Set Value	20%LEL	250ppm or 500ppm	20%LEL	50vol%	18vol%
Response Time	T90: 30 seconds			T90: 60 seconds	—
Continuous Operation Time*3	Approx. 15 hours			Approx. 100 hours	Approx. 100 hours

*1. Other than XP-3380II model, when using alkaline AA batteries. Please contact us for full information.
*2. Under an identical measurement condition.
*3. At 25°C, with no alarm and backlight off. The time varies according to the circumstances, condition of use, storage period, battery manufacturer, etc.
*4. With cooling drain filter

NEW COSMOS ELECTRIC CO., LTD.

Offices

Overseas Sales Division (Tokyo, Japan)
2-6-2 Hamamatsu-cho, Minato-ku, Tokyo, Japan 1050013
Phone: +81-3-5403-2715
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
Phone: +33 6-62-93-51-53
E-mail: info@new-cosmos.fr

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

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.

(P)202312D200

Be sure, be safe.

COSMOS

PORTABLE GAS DETECTOR
XP-3000II SERIES

One Unit Can Measure Multiple Gases

For Combustible Gas and Oxygen Measurement

Approvals
- CE marking
- IECEx
- ATEX
- UL

Features

Convert to 32 types gas's concentration

*Only for XP-3310II, XP-3318II, XP-3360II-W and XP-3368II-W units, in which GAS1 (target gas) is set to methane, isobutane or propane.
*Converted gas concentration is only an estimate and no guarantee is provided.

Convertible Gas List

Acetone	Cyclohexane	Ethyl acetate	n-Hexane	Methanol	Propane
Toluene	Acetylene	Cyclopentane	Ethylbenzene	Hydrogen	Methylcyclohexane
Propy lacetate	o-Xylene	Benzene	DME	Ethylene	IPA
MIBK	Propylene	m-Xylene	n-Butane	Ethane	Gasoline
MEK	n-Pentane	THF	p-Xylene	i-Butane	Ethanol
n-Heptane	Methane				

Robust design

- **Passed 7m drop test**
- **Waterproof and dustproof, IP67** (Photo1)

(Photo1)

Wide range models

Enable to measure in "%LEL" and "ppm"
*Only for XP-3360II-W and XP-3368II-W

OTHER FEATURES

- **Up to five combustible gases can be set as target gas (optional)**
- **Selectable power supply: alkaline AA batteries / rechargeable nickel metal hydride AA batteries**
- **Timer and stopwatch function**

Appearance

Optional Accessories

•Attachment (short probe) [AT-2B]

•Alligator clip [ST-22]

•Battery charger [BC-10]

•Gas sampling tube
(1m/2m/3m/5m/10m)
For normal [SH-301]
For solvent gas [SH-401]
*Photo shows 1m tube for solvent gas

•Screen protector film [SPF-1]

Lineup

Target Gas \ Model		XP-3110II	XP-3360II	XP-3360II-W	XP-3340II	XP-3318II	XP-3368II	XP-3368II-W	XP-3380II(-E)
Combustible Gas	%LEL	○		○		○		○	
	ppm		○	○			○	○	
	Vol%				○				
Oxygen						○	○	○	○