

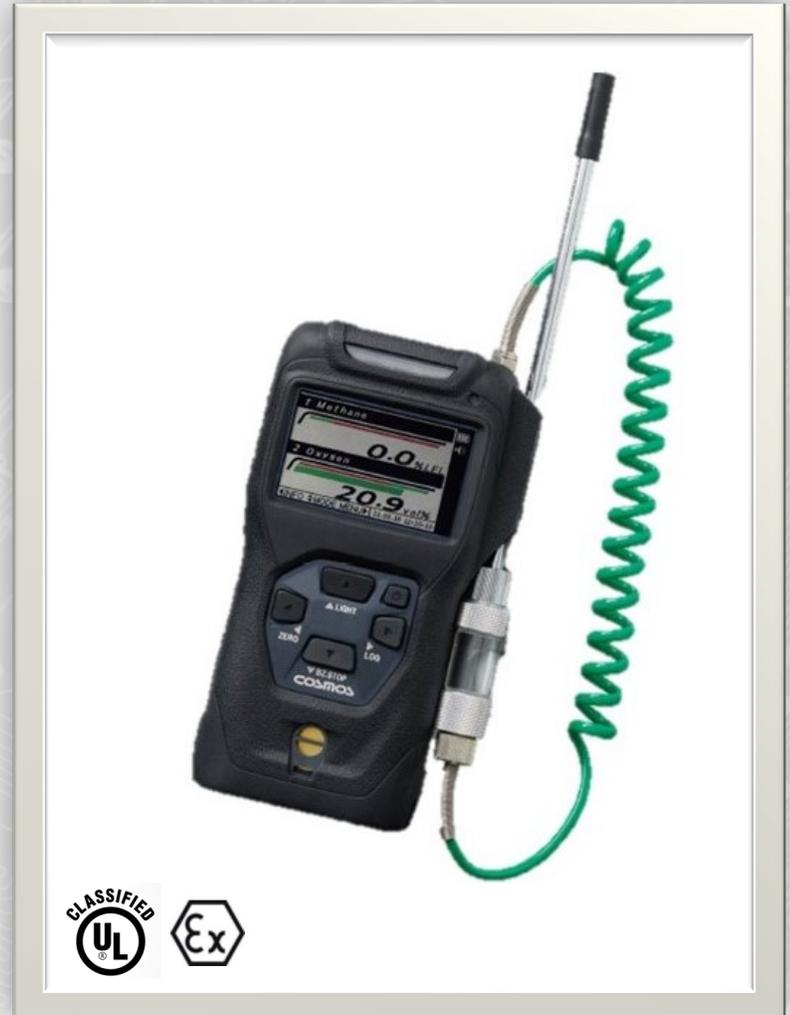


# Cosmos XP-3310 Handheld Combustible LEL Gas Detector

DOD Technologies

The portable Cosmos XP-3310 provides gas detection for environmental safety and spot check applications. When the target is set to Isobutane, Methane or Propane, a single unit can detect % LEL levels of up to 32 combustible gases.

Simplified operation and a large digital display allow you to easily view gas threshold and concentration levels. This lightweight and compact detector features a rugged construction. Built to endure the elements, it is tested to withstand water pressure equivalent to over 16' of submersion and falls up to 23'.



**EMERGENCY**



**RESPONSE**

**LONG**



**BATTERY LIFE**

**EASILY**



**PORTABLE**

**SAMPLE**



**WAND**



## Specifications

<b>Model</b>	XP-3310II	
<b>Target Gas</b>	Combustible gas / solvent vapor	
<b>Detection Principle</b>	Catalytic	
<b>Measure Range (Reference Indication)</b>	0-100%LEL (100.1-110.0%LEL)	
<b>Accuracy <sup>*2</sup></b>	±5%F.S..	
<b>Resolution</b>	0.1%LEL	
<b>Alarm Set Value</b>	20%LEL	
<b>Response Time</b>	T90: 30 seconds	
<b>Continuous Operation Time <sup>*3</sup></b>	Approx. 15 hours	
<b>Sampling Method</b>	Extractive	
<b>Alarm Method</b>	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
<b>Power Source</b>	<ul style="list-style-type: none"> <li>· Non-rechargeable alkaline AA battery x4: Toshiba LR6, Panasonic LR6X, Duracell MN1500, Energizer E91 or Varta 4106</li> <li>· Rechargeable nickel metal hydride AA battery x4: New Cosmos HR-3UTG</li> </ul>	
<b>Operating Temperature/Humidity</b>	-20 to +50°C 95%RH. No condensation	
<b>Compliance <sup>*1</sup></b>	ATEX: Ex II 1G Ex ia da IIC T4 Ga <sup>*1</sup>	
	IECEX: Ex ia da IIC T4 Ga <sup>*1</sup>	
	CE (ATEX, RoHS and RE directives)	
<b>Ingress Protection</b>	IP67	
<b>Main Features</b>	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	
<b>Dimensions</b>	3.58"W x 6.45"H x 1.73"D (W91 x H164 x D44mm)	
<b>Weight</b>	Approx. 1 lb. (460g), including batteries	
<b>Accessories</b>	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	

<sup>\*1</sup> When using alkaline AA batteries. Please contact us for full information.

<sup>\*2</sup> Under an identical measurement condition.

<sup>\*3</sup> At 25 °C, with no alarm and backlight off. The time varies according to the circumstances, condition of use, storage period, battery manufacturer, etc.



## DETECTOR DETAIL



**Shoulder Strap**

**Akaline AA Batteries**

**Filter Element**

**Gas Sampling Wand and Tube**

**Instruction Manual**

**Inspection Certificate**

Portable Gas Detector  
XP-3000II Series  
Instruction Manual

This instruction manual is for the seven models listed below.

- Keep this manual for easy reference.
- Carefully read this manual prior to use.

Model Variations		
Model	Target Gas	
1-gas	XP-3310E	Combustible gas (LEL detection)
	XP-3300E	Combustible gas (ppm detection)
	XP-3300E-W	Combustible gas (LEL & ppm detections)
2-gas	XP-3318E	Combustible gas (LEL detection)+O <sub>2</sub>
	XP-3308E	Combustible gas (ppm detection)+O <sub>2</sub>
	XP-3308E-W	Combustible gas (LEL & ppm detections)+O <sub>2</sub>
O <sub>2</sub>	XP-3300I	Oxygen

**検査成績書 (INSPECTION CERTIFICATE)**

型 式 (Model) XP-3310 II  
 製造番号 (Serial No.) 10090003  
 検査年月 (Inspection Date) Mar. 2021  
 試験ガス (Test Gas) Methane

検査項目 (Test Item)	結果 (Test Result)
(1) 外観及び機構 (External Appearance Check and Function Test)	合格 (Passed)
(2) 指示精度の精度試験 (Indication Accuracy Test)	合格 (Passed)
(3) 警報精度試験 (Alarm Accuracy Test)	合格 (Passed)

その他当社、社内規程に基づく検査に合格致しました。  
 We hereby certify that this instrument has passed all the test items set by New Cosmos standards.

**新コスモス電機株式会社**  
 NEW COSMOS ELECTRIC CO., LTD.  
 検査部  
 Inspection Department



## REALIBILITY & SUPPORT

DOD Technologies is the global leader in low level gas detection systems and solutions. We understand the importance of keeping your business operational and know that that false alarms can cost millions of dollars in lost productivity.

In addition to our ChemLogic® systems, we've partnered with other leading manufacturers to establish a comprehensive line of high-quality, gas detection products. Our worldwide network of knowledgeable service engineers are also stand ready to assist you with their passion for gas detection. Our portfolio includes fixed systems, portable gas detectors, controllers, systems integration and on-site field services.

For more information, or to order, please visit us at [DODtec.com](http://DODtec.com).



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