



### *Technical Specification of Gas-Max*

<b>Make</b>	<b>Realix</b>
<b>Model</b>	<b>Gas-Max</b>
<b>Sampling Method</b>	Natural Diffusion
<b>Display</b>	TFT Color LCD Screen
<b>Sensor type</b>	Electrochemical, Catalytic combustion
<b>IP Protection</b>	IP 67
<b>Battery</b>	1300 mAh, last upto 8 to 10 hrs in normal conditions
<b>Size</b>	123.88x65x50.7 mm (L*W*H)
<b>Weight</b>	182 gms
<b>Alarm Methods</b>	Sound, Light, and Vibration
<b>Alarm Sound Intensity</b>	65dB@25cms
<b>Response Time</b>	T90 < 30S
<b>Humidity Range</b>	10%-95% RH (no condensation)
<b>Warranty</b>	2 Years
<b>Charger</b>	USB powered DC 5V
<b>ATEX Approval</b>	ATEX II 1G Ex ia IIC T4 Ga IP67 II 1D Ex ia IIIC T135°C Da IP67 Ta: -20°C ~+60°C
<b>Data Logging</b>	Yes, Up to last 1000 Events Note: Required software and communication cable (Optional Accessory)

**Ranges, respective alarms and Resolution details**

<b>Gas</b>	<b>Range</b>	<b>Resolution</b>	<b>Default Alarms (Low/High)</b>
<b>Hydrocarbon Gas</b>	0-100% LEL	1% LEL	20/50 % LEL
<b>Oxygen</b>	0-30% V/V	0.1 % V/V	19.5% /23 % V/V
<b>Hydrogen Sulphide</b>	0-100 PPM	1 PPM	10/20 PPM
<b>Carbon Monoxide</b>	0-500 PPM	1 PPM	24/160 PPM
<b>Nitrogen Dioxide</b>	0-20 PPM	0.1 PPM	5/10 PPM
<b>Sulphur Dioxide</b>	0-20 PPM	0.1 PPM	5/10 PPM
<b>Chlorine</b>	0-50 & 0-200 PPM	1 PPM	5/10 PPM
<b>Ammonia</b>	0-500 PPM	1 PPM	50/150 PPM
<b>Hydrogen</b>	0-1000 PPM	1 PPM	50/150 PPM
<b>Phosphine</b>	0-10 PPM	0.1 PPM	5/8 PPM
<b>Chloride Oxide</b>	0-50 PPM	1 PPM	5/10 PPM
<b>Hydrogen Cyanide</b>	0-50 PPM	1 PPM	5/10 PPM
<b>Ozone</b>	0-100 PPM	1 PPM	10/20 PPM
<b>Hydrogen Fluoride</b>	0-10 PPM	0.1 PPM	2/5 PPM