

Gas Detector

SPECIFICATIONS	AR8100	AR8200	AR8500
Gas Type	Oxygen (O ₂)	Carbon Dioxide (CO ₂)	Ammonia (NH ₃)
Measuring Range	0~25%	350~9999PPM	0~100PPM
Resolution	0.1%	5PPM	0.1PPM
Basic error	±1.5% F · S	±(30PPM+5% rdg)	±2%
Response Time	≤15 sec	~90 sec	T90≤120 sec
Recovery Time	≤15 sec	<120 sec	≤120 sec
Measuring Principle	Electrochemical principle, life for 2 years	Optics	Electrochemical principle, life for 2 years
Display	Large LCD Display	Large LCD Display	Large LCD Display
Alarm	Sound, Light Alarm. Adjustable Alarm values, Alarm sound up to 80 db.		
Operation Temperature	-10°C ~ 50°C	-10°C ~ 50°C	-10°C ~ 50°C
Operation Humidity	<95%RH (Non Gel)	<95%RH (Non Gel)	<95%RH (Non Gel)
Continuous Operation Time	>10 hours	>10 hours	>60 hours
Temp. Measuring	√	√	√
Battery Indication	√	√	√

GENERAL CHARACTERISTICS & PACKING INFORMATION

Power	3.7V Li-battery	3.7V Li-battery	3.7V Li-battery
Product Net Weight	170g	170g	170g
Product Size	181 x 63 x 30mm	177 x 63 x 30mm	181 x 63 x 30mm
Packing	Gift box	Gift box	Gift box
Standard Quantity / Carton	10	10	10
Standard Carton Size	44 x 39 x 32cm	44 x 39 x 32cm	44 x 39 x 32cm
Standard Carton Gross Weight	9.4kg	9.3kg	9.27kg

SPECIFICATIONS	AR8600L	AR8700	AR8900
Gas Type	Formaldehyde (HCHO)	Carbon Monoxide (CO)	Hydrogen (H ₂)
Measuring Range	0~5PPM	0~1000PPM	0~1000PPM
Resolution	0.01PPM	1PPM	1PPM
Basic error	±10%	±10%	±5%
Response Time	T90<120 sec	T90<30 sec	T90<60 sec
Recovery Time	<120 sec	<30 sec	<60 sec
Measuring Principle	Electrochemical principle, life for 2 years		
Display	Large LCD Display		
Alarm	Sound, Light Alarm. Adjustable Alarm values, Alarm sound up to 80 db.		
Operation Temperature	-10°C ~ 50°C	-10°C ~ 50°C	-10°C ~ 50°C
Operation Humidity	<95%RH (Non Gel)	<95%RH (Non Gel)	<95%RH (Non Gel)
Continuous Operation Time	>60 hours	>60 hours	>60 hours
Temp. Measuring	√	√	√
Battery Indication	√	√	√

GENERAL CHARACTERISTICS & PACKING INFORMATION

Power	3.7V Li-battery	3.7V Li-battery	3.7V Li-battery
Product Net Weight	175g	175g	175g
Product Size	181 x 63 x 30mm	181 x 63 x 30mm	181 x 63 x 30mm
Packing	Gift box	Gift box	Gift box
Standard Quantity / Carton	10	10	10
Standard Carton Size	44 x 39 x 32cm	44 x 39 x 32cm	44 x 39 x 32cm
Standard Carton Gross Weight	9.16kg	9.16kg	9.16kg



Oxygen Detector
AR8100
0~25%



Carbon Dioxide Detector
AR8200
350~9999PPM



Ammonia Detector
AR8500
0~100PPM



Formaldehyde Gas Detector
AR8600L
0~5PPM



Carbon Monoxide Detector
AR8700
0~1000PPM



Hydrogen Detector
AR8900
0~1000PPM