



**AS8900**  
Multi-Gas Monitor  
O<sub>2</sub> / H<sub>2</sub>S / CO /  
Combustable Gas

CNEX ExidICT3 Gc  
国英标准 CNEx13.4165X



**AS8901**  
Oxygen Monitor  
Oxygen  
0~30% VOL

CNEX ExidICT3 Gc  
国英标准 CNEx13.4165X




**AS8902**  
Combustable Gas Monitor  
Combustable Gas  
0~100% LEL

CNEX ExidICT3 Gc  
国英标准 CNEx13.4165X



**AS8903**  
Multi-Gas Monitor  
Carbon Monoxide /  
Hydrogen Sulfide

CNEX ExidICT3 Gc  
国英标准 CNEx13.4165X



**AS8904**  
Carbon Dioxide  
Detector  
AS8904



**AS8905**  
Sulfur  
Dioxide  
Detector  
AS8905

SPECIFICATIONS	AS8900	AS8901	AS8902	AS8903
Gas Type	Oxygen / Hydrogen Sulfide / Carbon Monoxide/Combustable Gas	Oxygen	Combustable Gas	Carbon Monoxide / Hydrogen Sulfide
Measuring Range	O <sub>2</sub> : 0~30%VOL CO: 0~999 µmol/(ppm) H <sub>2</sub> S: 0~500 µmol/(ppm) Combustable Gas: 0~100%LEL	0~30% VOL	0~100% LEL	CO: 0~999 ppm H <sub>2</sub> S: 0~500 ppm
Resolution	0.1% / 1µmol/(ppm) / 1%	0.1%	1%	1 ppm
Measuring Principle	Electrochemical principle, life for 2 years			
Low / High Alarm	√			
Alarm Setting	√			
Alarm	Sound, Light Alarm. Adjustable Alarm values, Alarm sound up to 80 db.			
Operation Temperature	-10°C ~ 50°C			
Operation Humidity	15%-95%RH (Standard)			
Certificates	Explosion-proof protective enclosures designed according to following standard : JIG693-2004 ; JIG695-2003 ; JIG915-2008 ; & GB3836-2000			

GENERAL CHARACTERISTICS & PACKING INFORMATION	
Power	3.7V Li-battery
Product Net Weight	200g
Product Size	120.2 x 64.5 x 38.3mm
Packing	Gift box
Standard Quantity / Carton	24
Standard Carton Size	46x 45.5 x 55cm
Standard Carton Gross Weight	19.5kg

SPECIFICATIONS	AS8904	AS8905
Gas Type	Carbon Dioxide	Sulfur Dioxide
Measuring Range	350~9999 ppm	0~20 ppm
Resolution	1 ppm	1 ppm
Measuring Principle	Optics	Electrochemical principle, life for 2 years
Low /High Alarm	√	
Alarm Setting	√	
Alarm	Sound, Light Alarm. Adjustable Alarm values, Alarm sound up to 80 db.	
Operation Temperature	-10°C ~ 50°C	
Operation Humidity	15%-95%RH (Standard)	
Certificates	Explosion-proof protective enclosures designed according to following standard : JIG693-2004 ; JIG695-2003 ; JIG915-2008 ; & GB3836-2000	

GENERAL CHARACTERISTICS & PACKING INFORMATION	
Power	3.7V Li-battery
Product Net Weight	200g
Product Size	120.2 x 64.5 x 38.3mm
Packing	Gift box
Standard Quantity / Carton	24
Standard Carton Size	46x 45.5 x 55cm
Standard Carton Gross Weight	19.5kg

# Gas Detector / External Sampling Pump



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SPECIFICATIONS	AS8906	AS8907	AS8908	AS8909
Gas Type	Nitrogen Dioxide	Carbon Monoxide	Ozone	Hydrogen
Measuring Range	0~20 ppm	0~1000 ppm	0~1 ppm	0~1000 ppm
Resolution	1 ppm	1 ppm	0.01 ppm	1 ppm
Measuring Principle	Electrochemical principle, life for 2 years			
Low / High Alarm	√			
Alarm Setting	√			
Alarm	Sound, Light Alarm. Adjustable Alarm values, Alarm sound up to 80 db.			
Operation Temperature	-10°C ~ 50°C			
Operation Humidity	15%-95%RH (Standard)			
Certificates	Explosion-proof protective enclosures designed according to following standard : JIG693-2004 ; JIG695-2003 ; JIG915-2008 ; & GB3836-2000			

### GENERAL CHARACTERISTICS & PACKING INFORMATION

Power	3.7V Li-battery
Product Net Weight	200g
Product Size	120.2 x 64.5 x 38.3mm
Packing	Gift box
Standard Quantity / Carton	24
Standard Carton Size	46x 45.5 x 55cm
Standard Carton Gross Weight	19.5kg

SPECIFICATIONS	AS8930	SPECIFICATIONS	AS8700A
Velocity of Air-flow : 0.5SCFH (0.25LPM)		Gas Type	Carbon Monoxide
Gas samples can be collected away from 50 feet		Measuring Principle	Electrochemical Specific gas sensors, life for 3 years
For : AS8900 AS8901 AS8902 AS8903 AS8904 AS8905 AS8906 AS8907 AS8908 AS8909		Measuring Range	1~1000 (PPM)
		Resolution	1PPM
		Accuracy	±10 %
		Response Time	<60 sec
		Alarm	Alarm Buzzer
		Alarm Setting	√
		Battery Indication	√
		Auto Power Off	√
		Backlight Display	√
		Operation Temperature	0°C~50°C

### GENERAL CHARACTERISTICS & PACKING INFORMATION

Product Net Weight	69g	Power	3*1.5V AAA batteries
Packing	Gift box	Product Net Weight	75g
Standard Quantity / Carton	40	Product Size	135 x 47 x 25mm
Standard Carton Size	51 x 34 x 46cm	Packing	Blister
Standard Carton Gross Weight	7.85kg	Standard Quantity / Carton	60
		Standard Carton Size	50 x 24 x 46cm
		Standard Carton Gross Weight	10.9kg



Nitrogen Dioxide Detector AS8906



Carbon Monoxide Detector AS8907



Ozone Detector AS8908



Hydrogen Detector AS8909



Carbon Monoxide Detector AS8700A

1~1000 ( PPM )



External Sampling Pump AS8930

0.5SCFH (0.25LPM)


**Combustible  
Gas Detector**  
AS8800L

**Combustible  
Gas Detector**  
AS8800

**Refrigerant  
Gas Detector**  
AS5750

**Oxygen Detector**  
AS8801

**Combustible Gas Detector**  
AS8802

**Hydrogen Sulfide Detector**  
AS8803


## Gas Detector

SPECIFICATIONS	AS8800L	AS8800	AS5750
Gas Type	Combustible Gas		Refrigerant Gas
Measuring Principle	Semiconductor		Semiconductor
Sensitivity	Variable, minimum 5ppm (gasoline)		Less than 0.5oz/yr, for all halogen based refrigerants
Response Time	Instantaneous		
Warm up time	<20 sec		
Continuous Operation Time	9 hours (slightly vary with working condition)		
Sensitivity Adjustment	√	√	√
Overcharge / Over-current Protection	---	√	√
Power Indication	√	√	√
Battery Indication	√	√	√
Leak Size Indication	Indication Light & Alarm Buzzer		
Operation Condition	0°C~ 50°C ; ≤80%RH (Non Gel)		

### GENERAL CHARACTERISTICS & PACKING INFORMATION

	AS8800L	AS8800	AS5750
Power	3*1.5V AA batteries	3.7V Li-battery	3.7V Li-battery
Product Net Weight	220g	225g	250g
Product Size	156 x 66 x 31mm	156 x 66 x 31mm	159 x 66 x 31mm
Packing	Blister	Gift box	Gift box
Standard Quantity / Carton	40	10	20
Standard Carton Size	34 x 29.5 x 50cm	39 x 32 x 44cm	45 x 32 x 55cm
Standard Carton Gross Weight	11.2kg	9.77kg	15.75kg

SPECIFICATIONS	AS8803	AS8801	AS8802
Gas Type	Hydrogen Sulfide	Oxygen	Combustible Gas
Measuring Range	0~500 ppm	0~30% VOL	0~100% LEL
Resolution	1ppm	0.1% VOL	1% LEL
Measuring Principle	Electrochemical principle, life for 2 years		
Low / High Alarm	√		
Alarm Setting	√		
Alarm	Sound, Light Alarm. Adjustable Alarm values, Alarm sound up to 80 db.		
Operation Temperature	-10°C ~ 50°C		
Operation Humidity	15%-95%RH(Standard)		

### GENERAL CHARACTERISTICS & PACKING INFORMATION

	AS8803	AS8801	AS8802
Power	3.7V Li-battery		
Product Net Weight	200g		
Product Size	120.2 x 64.5 x 38.3mm		
Packing	Gift box		
Standard Quantity / Carton	24		
Standard Carton Size	46x 45.5 x 55cm		
Standard Carton Gross Weight	19.5kg		

# Gas Detector

SPECIFICATIONS	AS8804	AS8805	AS8806
Gas Type	Carbon Dioxide	Sulfur Dioxide	Nitrogen Dioxide
Measuring Range	350~9999 ppm	0~20 ppm	0~20 ppm
Resolution	1 ppm	1 ppm	1 ppm
Measuring Principle	Electrochemical principle, life for 2 years		
Low /High Alarm	√		
Alarm Setting	√		
Alarm	Sound, Light Alarm. Adjustable Alarm values, Alarm sound up to 80 db.		
Operation Temperature	-10°C ~ 50°C		
Operation Humidity	15%-95%RH (Standard)		

## GENERAL CHARACTERISTICS & PACKING INFORMATION

Power	3.7V Li-battery		
Product Net Weight	200g		
Product Size	120.2 x 64.5 x 38.3mm		
Packing	Gift box		
Standard Quantity / Carton	24		
Standard Carton Size	46x 45.5 x 55cm		
Standard Carton Gross Weight	19.5kg		

SPECIFICATIONS	AS8807	AS8808	AS8809
Gas Type	Carbon Monoxide	Ozone	Hydrogen
Measuring Range	0~1000 ppm	0~1 ppm	0~1000 ppm
Resolution	1 ppm	0.01 ppm	11 ppm
Measuring Principle	Electrochemical principle, life for 2 years		
Low / High Alarm	√		
Alarm Setting	√		
Alarm	Sound, Light Alarm. Adjustable Alarm values, Alarm sound up to 80 db.		
Operation Temperature	-10°C ~ 50°C		
Operation Humidity	15%-95%RH(Standard)		

## GENERAL CHARACTERISTICS & PACKING INFORMATION

Power	3.7V Li-battery		
Product Net Weight	200g		
Product Size	120.2 x 64.5 x 38.3mm		
Packing	Gift box		
Standard Quantity / Carton	24		
Standard Carton Size	46x 45.5 x 55cm		
Standard Carton Gross Weight	19.5kg		

Sulfur Dioxide Detector  
AS8805



Carbon Dioxide Detector  
AS8804



Carbon Monoxide Detector  
AS8807



Nitrogen Dioxide Detector  
AS8806



Ozone Detector  
AS8808



Hydrogen Detector  
AS8809



# Gas Detector



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SPECIFICATIONS	AR8100	AR8200	AR8500
Gas Type	Oxygen (O <sub>2</sub> )	Carbon Dioxide (CO <sub>2</sub> )	Ammonia (NH <sub>3</sub> )
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 <sub>2</sub> )
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



Combustible Gas Detector  
AR8800A+



Refrigerant Gas Detector  
AR5750A



Carbon Monoxide Meter  
AR8700A  
0~1000PPM



SF6 Gas Detector  
AR5750B



Combustible Gas Detector  
AS8800A  
0~50% LEL



Refrigerant Gas Detector  
AR5750C  
0~1000PPM

## Gas Detector

SPECIFICATIONS	AR8800A+	AR5750A	AR5750B
Gas Type	Combustible Gas	Refrigerant Gas	Refrigerant Gas, SF-6 Gas
Response Time	Instantaneous	Instantaneous	Instantaneous
Warm up time	<110 sec (25°C, 60%RH)	<90 sec (25°C, 60%RH)	<6 sec
Continuous Operation Time	5 hours	5 hours	5 hours
Sensitivity	Variable, minimum 5ppm	Less than 0.5oz/yr, for all halogen based refrigerants	Halogen refrigerant gas 3 gr/yr
Battery Indication	6.3V±0.3V	6.3V±0.3V	3.3V±0.2V
Operation Temperature	0°C ~ 52°C	0°C ~ 52°C	0°C ~ 52°C
Sensitivity adjustable	√	√	√
Leak Size Indication	√	√	√
Auto Warm up	√	√	√
Battery Indication	√	√	√
Power Indication	√	√	√
Overcharge / Over-current Protection	√	√	√
Charging Status Indication	√	√	√

### GENERAL CHARACTERISTICS & PACKING INFORMATION

	AR8800A+	AR5750A	AR5750B
Power	1200 mAh Li-battery	1200 mAh Li-battery	1200 mAh Li-battery
Product Net Weight	492g	480g	405g
Product Size	235 x 86 x 46mm	235 x 86 x 46mm	235 x 86 x 46mm
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	11.75kg	11.59kg	11.59kg

SPECIFICATIONS	AR8700A	AR8800B	AR5750C
Gas Type	Carbon Monoxide (CO)	Combustible Gas	Refrigerant Gas
Measuring Range	0~1000PPM	0~50% LEL	0~1000PPM
Resolution	1PPM	0.1% LEL	1PPM
Basic error	±5% or ±10PPM	≤5% F · S	±5% or ±10PPM
Warm up time	---	120 sec	120 sec
Response Time	<60 sec	T90<10 sec	T90<10 sec
Measuring Principle	Stable Electrochemical	Catalytic Combustion	Semiconductor
Recovery Time	---	---	<30 sec
Display	LCD Display	---	Large LCD Display
Alarm	---	---	Sound, Light Alarm
Operation Temperature	0°C ~ 50°C	-10°C ~ 50°C	-10°C ~ 50°C
Storage Temperature	-30°C ~ 60°C	---	---
Operation Humidity	0~99%RH (Non Gel)	<95%RH (Non Gel)	<95%RH (Non Gel)
Temp. Measuring	---	√	√
Auto Power Off	√	√	√

### GENERAL CHARACTERISTICS & PACKING INFORMATION

	AR8700A	AR8800B	AR5750C
Power	9V battery	3.7V Li-battery	3.7V Li-battery
Product Net Weight	115g	g	g
Product Size	162 x 57 x 38mm	160 x 63 x 30mm	160 x 63 x 30mm
Packing	Gift box	Gift box	Gift box
Standard Quantity / Carton	40	10	10
Standard Carton Size	51 x 34 x 46cm	44 x 39 x 32cm	44 x 39 x 32cm
Standard Carton Gross Weight	12.7kg	10.9kg	11.05kg