












Integrated Environmental Monitoring System AQM-9XX

The most versatile and compact Environmental Monitoring System that combines high quality **Weather monitoring sensors** with **Ambient Air Quality parameters** to give a complete system for all kinds of Environmental data.



Weather Sensors

-  Wind Direction
-  Wind Speed
-  Ambient Temperature
-  Relative Humidity
-  Barometric Pressure
-  Rainfall / Precipitation
-  Solar Radiation
-  UVI
-  NOISE

Air Quality Sensors

-  PM10
-  PM2.5
-  SO₂
-  NO
-  NO₂
-  CO
-  H₂S
-  VOC
-  O₃

Applications:

- Construction site Environmental monitoring
- Urban Pollution Monitoring (SMART City Application)
- Development Zone Environmental Monitoring
- Industrial Pollution Source Monitoring
- Traffic Environmental Monitoring
- Intelligent Street Lamp

Technical Specifications:

					Ordering Information					
Sensor	Measuring Range (ppm)	Sensitivity (ppm)	Resolution (ppm)	Overgas (ppm)	AQM 918	AQM 910	AQM 908	AQM 906	AQM 905	AQM 902
CO	0~1000	0.001	0.03	2000	*	*	-	-	-	-
NO	0~20	0.001	0.001	50	*	*	-	-	-	-
NO2	0~20	0.001	0.001	50	*	*	-	-	-	-
SO2	0~100	0.001	0.002	200	*	*	-	-	-	-
O3	0~20	0.001	0.005	50	*	*	-	-	-	-
H2S	0~100	0.0005	0.004	200	*	*	-	-	-	-
Option*	Measuring Range	Resolution	Accuracy	Note						
Temp*	-50~80	0.1°C	0.3°C		*	-	*	*	*	-
Humidity	0%~100%	0.1%	2%		*	-	*	*	*	
Wind D	0~360°	1°	3°		*	-	*	*	*	*
Wind S*	0~75m/s	0.1ms	0.3m/s or 3%		*	-	*	*	*	*
Pressure	10~1300hPa	0.1hPa	0.3hPa(25°C)		*	-	*	*	*	-
Rainfall	0~5mm/min	0.2mm	3%		*	-	*	*	-	-
Radiation	0~2000w/m ²	1w/m ²	5%		*	-	*	-	-	-
Noise	30~130dB(A)	A Class	1.5dB		*	*	*	*	*	*
PM2.5	0~1000ug/m ³	0.3ug/m ³	±15% or ±10µg/m ³	Laser Scattering	*	*	*	*	*	*
PM10	0~1000ug/m ³	0.3ug/m ³	±15% or ±10µg/m ³	Laser Scattering	*	*	*	*	*	*
Communication & Power										
Communication		RS485/232/Lan/GPRS								
Power		DC9~36V								

Key Features:

- Ultra low power consumption (0.2W*)
- 9 ~ 35V power input range.
- With the measurement data storage function (1~12 months), can ensure the integrity of the measurement data.
- It has a high precision clock calendar function.
- Industrial protective shell, can ensure the long-term field life
- Industrial electrical interface protection.
- Standard data output protocol.

Continuous product development and innovation are the policy of our company. Therefore, we reserve the right to change the specifications without prior notice.



INSTRUMEX 
Solutions for Total Environmental Monitoring

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