

실내공기질 모니터 (Air Quality Monitor)

용 도(Applications)

- 실내공기질 원격 모니터링
- 입경별 미세먼지, CO₂, VOC, 온습도 동시 측정

특 징(Features)

- PM1, PM2.5, PM5, PM10, CO₂, VOC(5302-AQM)측정
- 총 6채널의 입경별 개수 및 질량농도 측정 가능
- 4.3인치 대화면 컬러 터치 스크린
- 다양한 통신방법으로 원격모니터링에 최적화



**Model : 5301-AQM
5302-AQM**

SPECIFICATIONS

Number of Channels	6
Size Range	0.3 ~ 25 µm
Size Channels	Factory calibrated at 0.3, 0.5, 1.0, 3.0, 5.0, 10.0 µm
Particle Mass Indication	PM0.5, PM1.0, PM2.5, PM5.0, PM10 & TPM
Light Source	Long Life Laser Diode
Concentration Limit	4,000,000 Particles/ft ³ @ 5% coincidence loss
Counting Efficiency	50% @ 0.3 µm; 100% for particles >0.45 µm per JIS
Count Modes	Automatic, manual, real-time meter, cumulative/differential, count or concentration
CO ₂	0-5000 ppm, resolution 1 ppm, accuracy ±1% FS, Response rate 20 seconds
VOCs(5302-AQM Only)	0-50 ppm/min. detection level 5 ppb, accuracy ±1.5%, Response rate <3 seconds
Flow rates	2.83 L/min (0.1 CFM)
Vacuum Source	Internal vacuum pump
Display	4.3" (10.9 cm) WQVGA (480×272) color touch screen
Custom Size Channels	Calibration for custom size channels available
Communication Modes	Ethernet and USB, Optional(Wireless 802.11 b/g, RS485 or RS232)
Environmental Sensor(Optional)	Temperature 0° ~ 50°C, ±0.5°C relative humidity 15-90% ±2%
Alarm	Counts for all particle sizes, sensor failure, environmental sensors and flow
Dimensions (L x W x H)	13.3cm x 5.8cm x 22.6cm. includes barb fittings / Stainless steel Surface
Weight	1.18 kg
Memory	45,000 sample records
Sample Time	1 second ~ 99 hours