

# 휴대용 실내공기질 측정기 (Indoor Air Quality Monitor)

## 용 도(Applications)

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

## 특 징(Features)

- PM1, PM2.5, PM5, PM10, CO2, VOC(8301-AQM2) 측정
- 6채널의 입자 개수 및 질량농도 측정 가능
- 4.3인치 대화면 컬러 터치 스크린
- 다양한 모니터링 옵션으로 사용 편의성 증대



Model : 8301-AQM1 / 8301-AQM2

## SPECIFICATIONS

Number of Channels	6
Size Range	0.3 ~ 25 $\mu\text{m}$
Size Channels	Factory calibrated at 0.3, 0.5, 1.0, 2.5, 5, 10 $\mu\text{m}$
Particle Mass Indication	PM0.5, PM1.0, PM2.5, PM5, PM10 & TPM
Light Source	Long Life Laser Diode
Aerosol Concentration Range	0.01 to 20,000 $\mu\text{g}/\text{m}^3$
Flow rates	2.83 L/min (0.1 CFM)
Count Modes	Real-time meter and graph, cumulative/differential, count or concentration
CO2	0-5000 ppm, resolution 1 ppm, accuracy $\pm 1\%$ FS, Response rate 20 seconds
VOCs(8302-AQM Only)	0-50 ppm/min. detection level 5 ppb, accuracy $\pm 1.5\%$ , Response rate <3 seconds
Environmental Sensor	Temperature 0° ~ 50°C, $\pm 0.5^\circ\text{C}$ relative humidity 15-90% $\pm 2\%$
Vacuum Source	Internal pump with automatic flow control
Battery Run Time	>8 hours
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	Temperature 0° ~ 50°C, $\pm 0.5^\circ\text{C}$ relative humidity 15-90% $\pm 2\%$
Alarm	Counts for all particle sizes, sensor failure, environmental sensors and flow
Dimensions (L x W x H)	16.1cm x 10.8 cm x 31.1cm. includes handle and does not include probes
Weight	1.1 kg
Memory	45,000 sample records
Sample Time	1 second ~ 99 hours