이동형 실내공기질 모니터
(Air Quality Monitor)

용 도(Applications)

• 실내공기질 모니터링
• 입경별 미세먼지, CO2, VOC, 온습도 동시 측정

특 징(Features)

• PM1, PM2.5, PM5, PM10, CO2, VOC(7302-AQM)측정
• 배터리 내장으로 사용성 강화
• 4.3인치 대화면 컬러 터치 스크린
• 총 6채널의 입경별 개수 및 질량농도 측정 가능

Model : 7301-AQM
7302-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	15,000,000 Particles/ft³ @ 10% 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
CO2	0-5000 ppm, resolution 1 ppm, accuracy ±1% FS, Response rate 20 seconds
VOCs(7302-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 pump with automatic flow control
Battery Run Time	10 hours
Battery Recharge Time	<2 hours (external battery charger)
Counting Efficiency	50% @ 0.3 μm; 100% for particles >0.45 μm per JIS
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(Option)	Temperature 0º ~ 50ºC, ±0.3ºC 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 10.5 cm x 21cm. includes barb fittings / Stainless steel Surface
Weight	1.8 kg
Memory	45,000 sample records, Up to 1,000 locations 20 characters long
Sample Time	1 second ~ 99 hours