

휴대용 입자 계수기 (Handheld Particle Counter)

용 도(Applications)

- 파티클 Class 관리
- 입경별 개수 및 질량농도 모두 측정 가능

특 징(Features)

- 3채널 동시 측정
- 채널별 입경의 사용자 설정 가능
- 4.3인치 대화면 컬러 터치 스크린
- 45,000개의 데이터 저장, 1000개의 측정지점 저장



Model : 8503

SPECIFICATIONS

Number of channels	3
Size Range	0.5 ~ 25 μ m
Size Channels	Factory calibrated at 0.5, 1.0, and 5.0 μ m with user-selectable middle size channel
Custom Size Channels	Calibration for custom size channels available
Flow rate	2.83 L/min (0.1 CFM)
Concentration Limit	4,000,000 Particles/ft ³ @ 5% coincidence loss
Light Source	Long life laser diode
Battery Run Time	10 hours
Battery Recharge Time	<2 hours
Counting Efficiency	50% @ 0.3 μ m; 100% for particles >0.45 μ m per JIS
Zero count	<1 count / 5 minutes (<2 particles / ft ³) (per ISO 21501-4 & JIS)
Count Modes	Automatic, manual, real-time meter, cumulative/differential, mass concentration, count or concentration
Count Alarms	1 ~ 9,999,999 counts
Display	4.3" (10.9 cm) WQVGA (480×272) color touch screen
Memory	Stores up to 45,000 sample records, 1,000 sample locations and 50 recipes
Sample Time	1 second ~ 99 hours
Printer(optional)	External thermal printer
Communication Modes	USB, Optional(Ethernet, Wireless 802.11 b/g, RS485 or RS232)
Audible Alarm	Alarms on counts for all particle sizes, low battery, sensor failure, sensors and flow
Dimensions (L x W x H)	25.4cm x 12.9cm x 11.4cm (includes handle and does not include probes)
Weight	1.0kg