

원격 파티클 카운터 (Remote Particle Counter)

용도(Applications)

- 파티클의 원격 모니터링
- 입경별 개수 및 질량농도 모두 측정 가능

특징(Features)

- 6채널 동시측정
- 채널별 입경의 사용자 설정 가능
- 4.3인치 대화면 컬러 터치 스크린
- 45,000개의 데이터 저장



Model : 5301 / 5301P

SPECIFICATIONS

Model	5301	5301P
Concentration Limit	4,000,000 Particles/ft ³ @ 5% coincidence loss	10,000,000 Particles/ft ³ @ 10% coincidence loss
Pump	External vacuum >15" (38.1 cm) of Hg	Internal pump, automatic flow control
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	
Flow rates	2.83 L/min (0.1 CFM)	
Counting Efficiency	50% @ 0.3 μm; 100% for particles >0.45 μm per JIS	
Light Source	Long Life Laser Diode	
Zero Count	<1 count / 5 minutes (<2 particles / ft ³) (per ISO 21501-4 & JIS)	
Count Modes	Automatic, manual, real-time meter, cumulative/differential, count or concentration	
Count Alarms	1 ~ 9,999,999 counts	
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 0° ~ 50°C, ±0.5°C relative humidity 15-90% ±2%	
Alarm	Alarms on 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 sec ~ 99 hours	