

원격 파티클 카운터 (Remote Particle Counter)

용 도(Applications)

- 파티클의 원격 모니터링
- 입경 별 개수 측정(4채널)

특 징(Features)

- 0.5 μ m, 1.0 μ m, 2.5 μ m, 5.0 μ m (Model : 2501-1)
- 동급 유량 제품 중 가장 작은 사이즈



Model : 2501

SPECIFICATIONS

Model	2501-1
Channel Sizes	0.5 μ m, 1.0 μ m, 2.5 μ m, 5.0 μ m
Counting Efficiency	50% at 0.5 μ m; 100% for particles > 0.75 μ m (per JIS)
Concentration Limits	10,000,000 particles/ft ³ @ 10% coincidence (per ISO 21501-4), 20,000,000 particles/ft ³ @ 10% coincidence (as tested and validated)
Light Source	Long life laser diode
Zero Count	<1 count / 60 minutes (<1 particles / 6 ft ³). No fault count subtraction.
Flow Rate	2.83 L/min (0.1 CFM)
Vacuum Requirements	External vacuum >15" (38.1 cm) of Hg
Calibration	NIST Traceable
Communication Modes	Modbus™ RTU or ASCII outputs (over isolated RS-485)
Power	9 - 24 VDC
Dimensions(L x W x H)	4.6 x 9.1 x 12.7 cm, including probes and connectors
Weight	0.75 kg
Standards	ISO 21501-4 and JIS B9921
Operating Conditions	5° ~ 40°C, 20% ~ 95%RH non-condensing
Storage Conditions	0° ~ 50°C, Up to 98%RH non-condensing
Optional Accessories	Power Supply, Remote Mounting Bracket, Stainless Steel Barbed Isoprobe (0.1 CFM/2.83 LPM), Purge Filter Assembly, and Sample & Vacuum Tubing