

원격 파티클 카운터

(Remote Particle Counter)

용도(Applications)

- 파티클의 원격 모니터링
- 입경별 개수 측정(2채널 또는 4채널)

특징(Features)

- 0.5 μ m, 1.0 μ m, 2.5 μ m, 5.0 μ m (Model : 2510-1)
- 0.5 μ m와 5.0 μ m 측정(Model : 2510-2)
- 동급 유량 제품 중 가장 작은 사이즈



Model : 2510

SPECIFICATIONS

Model	2510-1	2510-2
Channel Sizes	0.5 μ m, 1.0 μ m, 2.5 μ m, 5.0 μ m	0.5 μ m and 5.0 μ m
Counting Efficiency	50% at 0.5 μ m; 100% for particles > 0.75 μ m (per JIS)	
Concentration Limits	1,500,000 particles/ft ³ @ 10% coincidence (per ISO 21501-4), 3,000,000 particles/ft ³ @ 10% coincidence (as tested and validated)	
Light Source	Long life laser diode	
Zero Count	< 1 count / 5 minutes (< 1 particles / 15ft 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 (1.0 CFM/28.3 LPM), Purge Filter Assembly, and Sample & Vacuum Tubing	