



LPC-S200



This instrument uses light scattering method to measure the size and quantity concentration of particles in pure water. This independent unit It includes sensors, data processing systems, control systems, display systems,data output,and printers.You can freely detect particle distribution within the range of 0.2 μ m to 5 μ m.

诚信
Honesty

品质
Quality

专注
Focus

创新
Creativity

颗粒计数器
Liquid Particle Counter



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该仪器采用光散射法测量纯水中粒子的大小和数量浓度。这个独立的单元包含了传感器、数据处理系统、控制系统、显示系统、数据输出和打印机。可以自由检测0.2 μ m到5 μ m范围内的颗粒分布。

应用领域



性能特征

- 模块化设计，操作便捷，实时显示检测结果；
- 多种数据输出方式：USB、TCP/IP、RS485、4-20mA等；
- 具备浓度/累计计数双模式，可自行切换；
- 测试体积可按照mL、L进行切换；
- 设备具备泄漏报警及检测点位编辑功能；
- 中英文双系统。

技术参数

测试原理	光散射法	通道数	8个
粒径范围	0.2~5（μm）	默认通道	0.2、0.3、0.4、0.5、0.8、1、1.5、2（μm）
灵敏度	0.1个/L	采样流速	10-100mL/min
测试体积	≥1mL		推荐50mL/min
测试时间	1s—99h	输出方式	触摸屏、热敏打印机、USB、TCP/IP、RS-485、4-20mA
测试间隔	1s—99h	内部存储	10组，可导出至U盘
浓度上限	20000个/mL	电源功耗	输入电压85-264VAC
耐压范围	0-1MPa		最大功率20W
接头规格	1/4PFA扩口接头	重量	≤5Kg
状态指示	电源、泄露报警		
外形尺寸	≤380×295×285（mm）		

Application Field

- Preparation of ultrapure water
- Electronic carrier board
- Chip semiconductor
- life sciences
- Fine Chemical Industry
- Cleaning quality control
- Nanoscale filtration

Performance Characteristics

- Modular design, convenient operation, and real-time display of detection results;
- Multiple data output methods: USB, TCP/IP, RS485, 4-20mA, etc;
- Equipped with dual modes of concentration/cumulative counting, which can be switched on its own;
- The test volume can be switched between ml and L;
- The equipment has leakage alarm and detection point editing functions;
- Both Chinese and English systems.

Technical Parameter

Optical Principle	Light-scattering method	Channel number	8
Testing range	0.2-5(μm)	Initial channel	0.2, 0.3, 0.4, 0.5,0.8, 1, 1.5, 2(μm)
Sensitivity	0.1 pcs/L		
Sampling volume	≥1ml	Sampling flow rate	10-100mL/min
Test time	1s-99h		Recommended 50mL/min
Test Interval	1s-99h	Data Output	Touch screen, thermal printer, USB,TCP/IP, RS-485, 4-20mA
Upper limit of concentration	20000 pcs/mL		
Pressure range	0-1MPa	Internal storage	10 sets, can be exported to a USB drive
Joint specifications	1/4PFA expansion joint		
Status indication	power supply, leakage alarm	Power	Input voltage 85-264VAC
External size	≤380 x 295 x 285(mm),≤5kg		Maximum power 20W