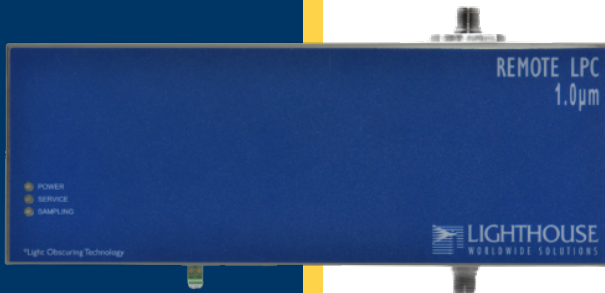


RemoteLPC LE

LIQUID PARTICLE COUNTER




The Remote LPC LE has a range of 1.0 - 50 microns or 1.0 - 200 microns particle sizes in liquid. With a flow rate of 30 ml per minute. The sensor is designed to accurately measure up to 8 channels of simultaneous particle count data.

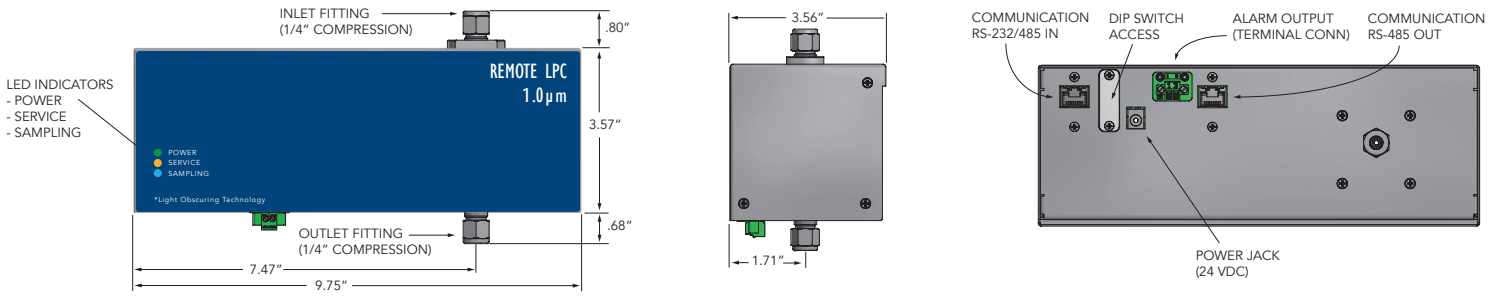
This liquid particle counter was created for continuous, 24 hour per day, 7 days per week operation. The instrument provides versatile mounting options allowing installation where space is at a premium.

FEATURES

- 1.0 - 50.0µm or 1 - 200µm Particle Size Channels
- 30 ml per minute flow rate
- LED status indicators for power and service
- 8 Channel output by modbus; 4 channel by 4-20mA
- Interfaces with facility monitoring systems
- Compact size
- Designed for reliability
- 2 Year Warranty



 Learn More



TECHNICAL DATASHEET

Remote Liquid Particle Counter

Features / Models	Remote LPC 1.0-50μm	Remote LPC 1.0-200μm
Minimum Size Detection	1.0 μm	1.0 μm
Channel Sizes	1.0, 3.0, 5.0, 10.0, 15.0, 20.0, 25.0, 50.0 μm	1.0, 5.0, 10.0, 15.0, 20.0, 25.0, 50.0, 200.0 μm
Concentration Limit	40,000 counts/ml @ 5% coincidence error	50,000 counts/ml @ 5% coincidence error
Flow Rate	30 mL / minute	
Laser Source	Laser Diode	
Calibration	NIST Traceable	
Data Storage	Rotating buffer 1,000 records	
Communication Modes	RS232/485 via RJ45 to PC, RS485 modbus, ASCII, Modbus or MR protocol	
LED Indicators	Power, Service, Sampling	
Enclosure	Stainless steel	
Sample Inlet/Outlet Connection	1/4" Compression	
Sample Temperature	32 - 158°F (0 - 70°C)	
Sample Pressure	150 PSI	
Wetted Surface Materials	Stainless Steel 316L, Quartz, Kalrez	
Power	24 VDC @ 150mA	
Dimensions	9.75"(l) x 3.75"(w) x 3.80"(h) [24.7 x 9.0 x 9.6 cm]	
Weight	4.30 lbs (1.95 kg)	

Includes Power supply; 2x 10' Teflon sample tubing; USB - RJ-45 serial cable, Power supply.

Optional Flowmeter, Additional sample tubing, remote mounting plate, stand with flowmeter mounting, RS232 communication kit, RS485 adapter cable.

Distributed By:

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