REMOTE LPC
0.2 μ

POWER
SERVICE
SAMPLING

LIGHTHOUSE
WORLDWIDE SOLUTIONS

Features:

★ Size Range 0.2 – 2.0 Micron
★ 4 Channel Sizes
★ Sample Flow Rate 100 mL per Minute
★ Stainless Steel Enclosure
★ Status Indicators
★ External Alarm Output
★ RS-485 Modbus
★ Interfaces to Facility Monitoring Systems
★ Small Size
★ Designed for Reliability

REMOTE LPC 0.2
LIQUID PARTICLE COUNTER

Designed with quality in mind, the **REMOTE LPC 0.2** liquid particle counter was created for continuous 24 hour, 7 days a week operation.

Following a quality standard of reliability and dependability, Lighthouse developed the **REMOTE LPC 0.2** using the latest in optical particle counter technology.

With a sensitivity of 0.2 micron and a sample flow rate of 100 ml/min, the **REMOTE LPC 0.2** provides real-time continuous data collection at a cost effective price per point.

The **REMOTE LPC 0.2** integrates seamlessly with large facility monitoring/management systems and transfers 4 channels of simultaneous particle count data using RS-485 Modbus.

Designed and built by **Lighthouse**, a name you can trust.

Benefits:

★ 2 Year Warranty
★ Easy to Install when Space is an Issue
★ Cost Effective Price Per Point
★ Easy System Integration
★ International Support
★ Low Cost of Ownership

Applications:

★ Quantifying Particle Concentration in State of the Art High Purity Water Systems
★ Filter Efficiency Particle Measurements
★ Trending Analysis at Lower Particle Concentrations
★ Detecting Bacterial Growth in High Purity Water Systems
★ Episodic Particle Event Tracking and Alarming
★ Manufacturing Process Control
★ Continuous System Particle Monitoring
★ Process Bath Monitoring
★ DI Water Monitoring
★ Parts Cleaning Testing
★ Water Quality Monitoring

Specifications- REMOTE LPC 0.2

Size Range:	0.2 – 2.0 microns
Channel Sizes:	4 Channel Sizes
Laser Source:	Laser Diode
Flow Rate:	100ml/min
Calibration:	NIST Traceable
Data Storage:	250 Samples
Communication Modes:	RS-232 via RJ45 to PC, RS485/Modbus
LED Indicators	Power, Service, Sampling
Supporting Software:	LMS XChange, LMS Express, LMS Express RT, LMS Express RT+, LMS Net
Concentration Limit:	4,000 counts/ml
External Alarm Output	Normal Open Dry Contact Rated 0 – 60v AC/DC 1 Amp
Enclosure:	Stainless Steel
Sample Temperature:	32 - 302°F (0 – 150 °C)
Sample Pressure:	150 PSI
Wetted Surface Materials:	Quartz, PTFE, PFA
Power:	24V DC
Dimensions:	5.7"(L) x 5.0"(W) x 3"(H) [14.47 x 12.7 x 7.6 cm]
Weight:	3.45 lbs (1.56 kg)

Environmental Conditions

Operating:	50°F to 104°F (10°C to 40°C) / 20% to 95% non-condensing
Storage:	14°F to 122°F (-10°C to 50°C) / Up to 98% non-condensing

Accessories

Included:	Operating Manual on CD, Power Supply, Purge Filter
Optional:	Flow Control Device, Sample Tubing, Cabling, LMS Express, LMS Express RT, LMS Express RT+, LMS Net