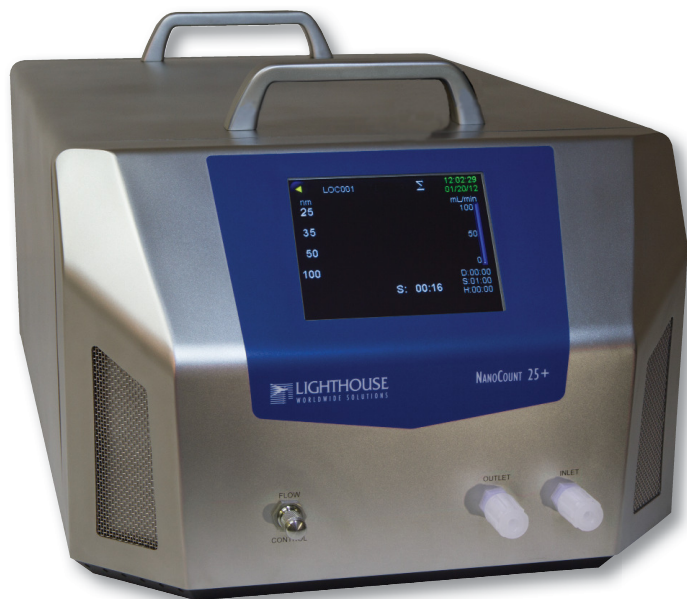




LIGHTHOUSE
WORLDWIDE SOLUTIONS
Technology That Counts!



NanoCount 25+ Liquid Particle Counter

The **NanoCount 25+** is the world's first 25 nanometer liquid particle counter. Based on our new state-of-the-art technology and built by Lighthouse, it is backed by international support.

The **NanoCount 25+** includes a built-in color display for viewing real time data and uses the industry standard MODBUS communication protocol. Integration into facility monitoring systems or use as a stand-alone device is quick and easy.

By incorporating Solid State Laser particle counting technology and designing for reliability, the **NanoCount 25+** is intended for continuous trouble-free operation.

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

Lighthouse is an ISO 9001:2008 Registered Company

www.golighthouse.com

Features:

- ★ 25nm Detection Limit
- ★ Channel Sizes - 25nm, 35nm, 50nm, 100nm
- ★ Four Channels of Simultaneous Count Data
- ★ 30 mL per Minute Flow Rate
- ★ Built-in Color Touch Screen Display
- ★ <20 counts/Liter Zero Count Rate
- ★ Interfaces with Existing Building Automation and Factory Management Systems
- ★ Stainless Steel Construction
- ★ Ethernet, RS-485 / MODBUS and four 4-20mA Analog Outputs
- ★ Integrated Manual Flow Control
- ★ USB Flash Data Download

Benefits:

- ★ Greater Statistical Process Control
- ★ Easy System Integration
- ★ International Sales and Service Support
- ★ 25nm sensitivity:
 - a. identifies water system issues that are otherwise "invisible" to 50nm-only counters;
 - b. eliminates noise or cosmic ray interference;
 - c. provides the visibility required for today's leading edge processes.

Applications:

- ★ Deionized Water Monitoring
- ★ Process Qualification and Monitoring
- ★ Filter Efficiency Particle Measurements



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Specifications:

Size Range:	25 - 100nm
Channel Sizes:	Standard: 25nm, 35nm, 50nm, 100nm
Flow Rate:	30 mL/min
Zero Count Level:	< 20 counts/Liter
Laser Source:	Solid State Laser
Calibration:	NIST Traceable
Communication Modes:	Ethernet MODBUS TCP/IP, RS-232 via RJ45 to PC, RS-485 MODBUS
Display	TFT Color Touch Screen
Concentration Limit:	1,000,000 counts/ml @ 5% Coincidence Error
Enclosure:	Stainless Steel
Sample Inlet/Outlet Connection:	1/4" Flaretek™
Sample Temperature:	50 to 95°F (10 to 35°C)
Sample Pressure:	75 PSI
Wetted Surface Materials:	Quartz, PFA, Kel-F, Kalrez, Ryton, Epoxy, Glass, Sapphire and SS316L
Communication Protocol:	Ethernet, RS-485 MODBUS, four 4-20mA Analog Outputs
Power:	100-240 VAC
Dimensions:	15.0" (w) x 12.0" (h) x 26.3" (d) [31.1 x 30.48 x 66.80 cm]
Weight:	81.2 lbs (37.0 kg)

Environmental Conditions:

Operating:	50°F to 95°F (10°C to 35°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; 10' Sample Tubing; Flow Cell Cleaning Solution and Brush; Cable; USB to RS485 Serial Adapter; LMS Express software
Optional:	Printed Operating Manual; Tubing

Manufactured by:

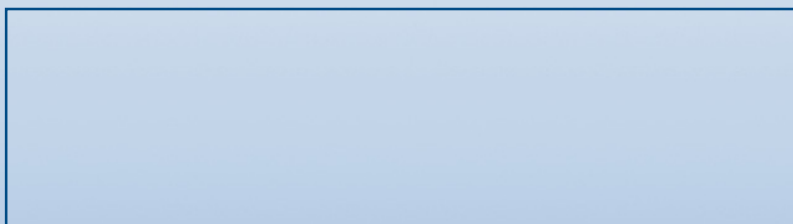


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Lighthouse Worldwide Solutions reserves the right to change specifications without notice.

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