



LS-60 Liquid Sampler

Designed with functionality in mind, the **Lighthouse LS-60 Liquid Sampler** has an integrated optical particle counting system and an easy-to-use Windows™ based software interface.

Following a quality standard of reliability and dependability, Lighthouse Worldwide Solutions developed the **LS-60 Liquid Sampler** using the latest in optical particle counter technology. With a Sample Flow Rate of 60mL/min, the **LS-60** provides unprecedented measurement speed and accuracy.

The **LS-60** uses a high accuracy syringe pump flow control system and high sample volume sensor. It is a perfect tool for multiple batch sampling applications.

The graphical user interface makes the **LS-60** easy to configure and operate. Data is automatically recorded and easily available in graph and tabular form in real time. Reports can be preconfigured and printed at the touch of a key.

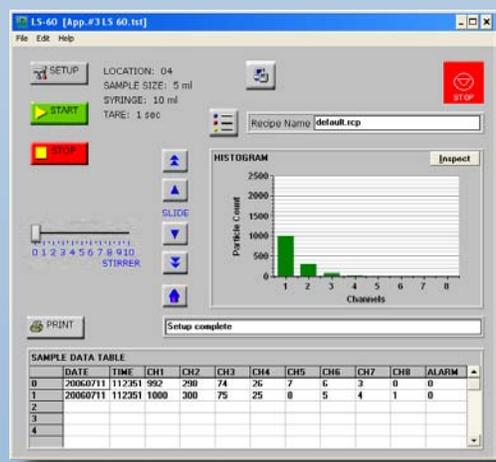
Designed and built by **Lighthouse**, a name you can trust.

Features:

- ★ Sizing Sensitivities: 0.1 μm to 20 μm
- ★ Integrated Particle Counter
- ★ 8 Channel Sizes
- ★ Windows™-based Control Software
- ★ Sample Volumes from 1mL to 1 Liter
- ★ Syringe Size Options: 10 and 25 mL
- ★ Precise Syringe Pump Flow Control
- ★ Stainless Steel Enclosure
- ★ Built-in Magnetic Stirrer
- ★ Maximizes Sample Repeatability
- ★ Small Footprint
- ★ Designed for Reliability

Benefits:

- ★ 2 Year Warranty
- ★ Easy to Install when Space is an Issue
- ★ Cost Effective Operation
- ★ Proven Data Integrity
- ★ Low Cost of Ownership



LS-60 Main Screen View



Specifications - LS-60 Liquid Sampler

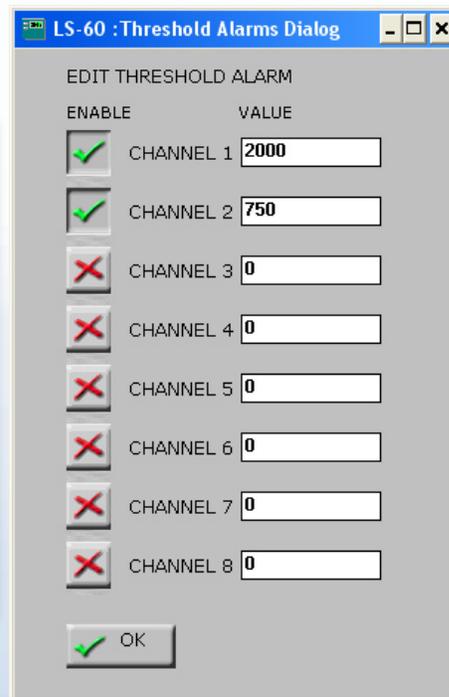
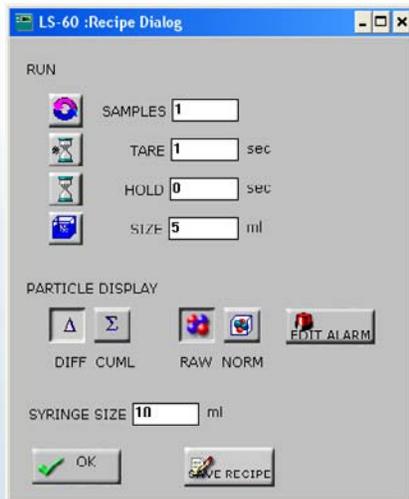
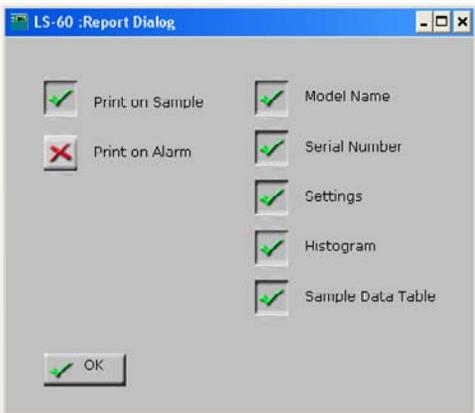
Size Range:	0.1 - 20.0 μ m
Number of Channels:	8
Flow Rate:	60 mL per minute
Laser Source:	Laser Diode
Calibration:	NIST Traceable
Syringe Sizes:	10mL, 25mL
Maximum Sample:	1 liter
Communication Modes:	RS-485 MODBUS
Wetted Parts:	Teflon (PFA), Quartz, Kalrez, Kel F, Polypropylene
Stirrer:	Magnetic, Adjustable Speed
Connectors:	RJ45
Supporting Software:	LS-60 Software
Enclosure:	Stainless Steel
Power:	24 VDC
Dimensions:	12.875"(l) x 8.75"(w) x 14.75"(h) [32.7 x 22.2 x 37.5cm]
Weight:	20.5 lbs (9.3kg)

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, Power Supply
Optional: Multiple Syringe Sizes



LS-60 Screenshots

Manufactured by:



3041 Orchard Parkway
 San Jose, CA 95134 USA
 Tel: 408 228-9200
 Fax: 408 228-9225
 www.golighthouse.com
 info@golighthouse.com

Distributed by:

