LS Series

Batch Liquid Sampling

LIGHTHOUSE
WORLDWIDE SOLUTIONS

LS20

Batch Liquid Sampling

THE Lighthouse LS-20 Liquid Sampler has an integrated syringe sampler and optical particle counting system. Its easy-to-use Windows™ based software interface is designed to meet the international regulatory EP and JP, as well as USP 788, requirements. Following a quality standard of reliability and dependability, Lighthouse Worldwide Solutions developed the LS-20 Liquid Sampler using the latest in laser optical particle counter technology. The LS-20 uses a high accuracy syringe pump flow control system and a high sample volume sensor. With sample volumes adjustable from 1 to 1000 milliliters (10 mL syringe), it is a perfect tool for multiple batch sampling applications.

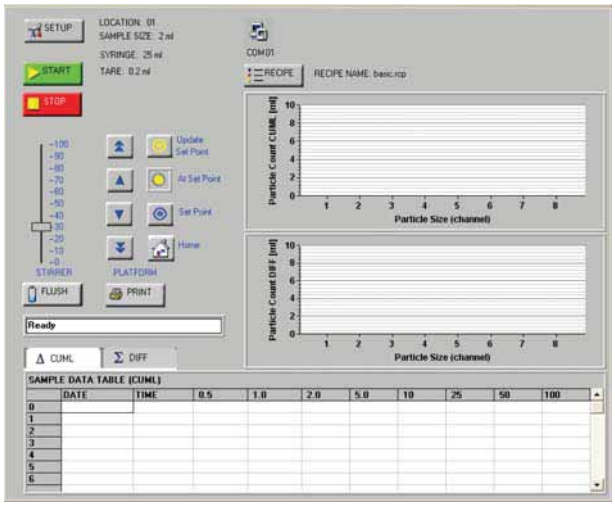
The graphical user interface makes the LS-20 easy to configure and operate. Data is automatically recorded from up to eight particle size channels ranging from 1.0 to 50.0 microns and is easily available in graph and tabular form in real time. All reports can be preconfigured and printed at the touch of a button.

Features

- 1.0 µm to 50 µm Size Range
- Integrated "Light Obscuration" Particle Counter Software Designed for 21 CFR part 11
- International Regulatory EP & JP Reports
- USP 788 Reports
- Sample Volumes from 1 to 1000 milli Liters
- Preconfigured USP 788 Recipes
- Precise Syringe Pump Flow Control
- Stainless Steel Enclosure
- Built-in Magnetic Stirrer
- Automated Sample Handling Maximizes Repeatability
- Compact Footprint

Benefits

- 2 Year Limited Warranty
- Industry's Easiest and Fastest Out-of-Box Set Up and Integration
- Excellent ROI
- Proven Data Integrity
- Industry's Lowest Cost of Ownership



LS-20 Main Screen View

LS60

Batch Liquid Sampling

DESIGNED with functionality in mind, the Lighthouse LS-60 Liquid Sampler is an integrated syringe sampler and optical particle counting system with 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 laser 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 a 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.

Features

- 0.1 µm to 100 µm Size Ranges Available
- 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
- RS-485 MODBUS
- Designed for Reliability

Benefits

- 2 Year Warranty
- Easy to Install in Limited Space
- Cost Effective Operation
- Proven Data Integrity
- Low Cost of Ownership

LS-60 Main Screen View

Lighthouse is an ISO 9001:2000 Registered Company

LS Series

Batch Liquid Sampling

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