

Finally, Reliable, Accurate, Compliant LS20 Liquid Batch Sampler.

by Jason Kelly

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Finally, the reliable, accurate and industry compliant liquid batch sampler you have been looking for is here!

Lighthouse Worldwide Solutions developed the LS-20 Liquid Sampler using the latest in laser optical particle counter technology. With sample volumes adjustable from 1 to 1000 milliliters (10 or 25mL syringe), it is a suitable for many different applications.

Lighthouse's Liquid Batch Samplers are designed to be user-friendly and intuitive for utilization. Most importantly, these instruments are designed to be compliant to industry standards. From regulated applications to parts cleaning applications, our LS product line will be the ideal choice for your liquid particle counting needs.

APPLICATIONS

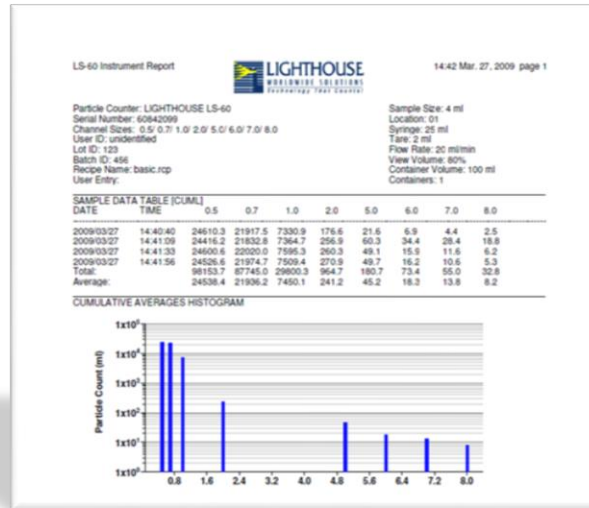
Industries: Life Sciences, pharmaceutical, medical, semiconductor, aerospace, data storage, automotive, small volume chemical quality assurance and more
Pharmaceutical testing for USP compliance
Laboratory water sample testing
Parts cleanliness testing



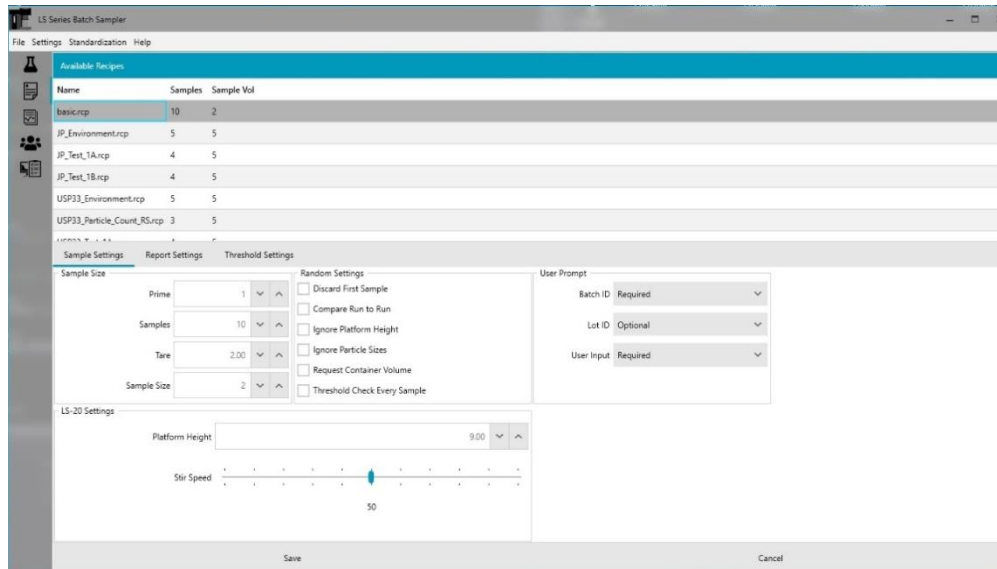


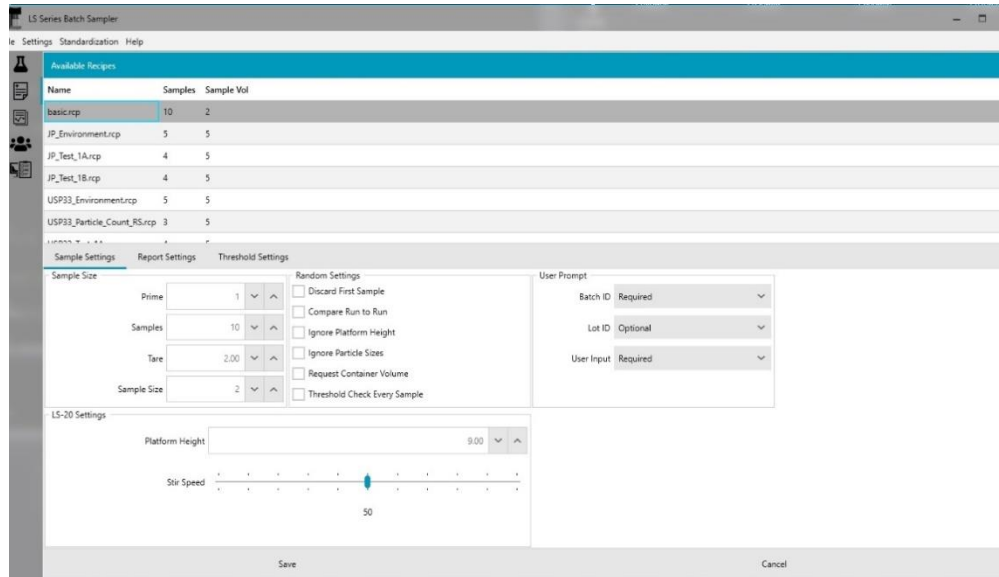
From the very beginning when we launched our first products, Lighthouse has been renowned for redefining particle counting. Our company is highly acclaimed for our knowledge focus and for being sensitive and responsive to the needs of our customers. Now the improved LS-20 for the Life Sciences industry is doing it again with next generation enhancements that include:

- Rewritten recipe manager with security. (This is part of 21 CFR part 11 compliance)
- New Histograms and data tables for the current sample
- New instrument controls and setup
- Validation documents included
- Designed for 21 CFR Part 11.



- Unique User Log-in
- Automatic Log-Out
- User Management
- Password Aging
- Login Attempts
- Permissions
- Rights





The Lighthouse LS-20 Liquid Sampler has an easy-to-use Windows based software interface that is designed to meet the international regulatory EP and JP, as well as USP 788 requirements.

The software 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 or 1.0 to 200 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 and Benefits

Cost Efficiency

- Automated sample handling maximizes repeatability and reduces labor costs
- Minimize product waste through small sample volume
- Industry’s lowest cost of ownership
- Excellent ROI

Maximum Versatility / User Friendly

- Flexibility to create your own sample recipes standard in our package for repeatable operations with multiple personnel
- Industries easiest and fastest out-of-box set up and integration
- Secure passwords ensure integrity of system
- Ability to support various applications
- Built-in magnetic stirrer
- Compact footprint

Reliability

- Available size ranges are 1.0 μm to 50 μm or 1.0 μm to 200 μm size range
- International regulatory EP, JP reports
- Exceptionally accurate measurements
- Sample volumes from 1 to 1000 ml
- Precise syringe pump flow control
- Preconfigured USP 788 recipes
- Stainless steel enclosure
- Proven data integrity
- USP 788 reports
- 2-year warranty

In addition to the LS-20, which is primarily designed for the Life Sciences industry, Lighthouse also offers the LS-60 Liquid Sampler for the High-Tech manufacturing industry. 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.

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 LS-60 is 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.

Contact your local Lighthouse representative and see for yourself where the LS-20 or LS-60 instruments can take you. To learn more about our award-winning company and products that includes handheld, portable and real time airborne particle counters, microbial samplers, environmental and real time monitoring systems, please feel free to visit us at www.golighthouse.com



Service and Support
Tel. 1-800-945-5905 (USA Toll Free)
Tel. 1-541-770-5905 (Outside of USA)
techsupport@golighthouse.com
www.golighthouse.com