

SLS-20

Syringe Liquid Sampler

For batch sampling applications with Chem 20™ and Chem 20-HI particle counters

Without measurement there is no control



The SLS-20 Syringe Liquid Sampler enables Chem 20™ or Chem 20-HI particle counters to operate in batch sampling applications. It is ideal for precise, small-volume sampling.

The system consists of an SLS-20 for either corrosive or non-corrosive liquids, all connections necessary to interface with a compatible Chem 20 or Chem 20-HI particle counter, and optional software.

BENEFITS

- 20 nm sensitivity provides unmatched level of process, chemical and filter monitoring
- Fluoropolymer syringe standard for use with HF
- Minimal chemical volume used
- Fully automated system
- Menu-driven data collection
- Extremely accurate measurements
- Compatible with corrosive and non-corrosive liquids

FEATURES

- With SamplerSight software, includes data generation into pre-formatted report types and spreadsheets
- Internal leak detection
- Repeatable recipes for consistent sampling parameters
- Software for data collection and trending
- Optional password security

APPLICATIONS

- Small volume chemical quality assurance
- Parts cleanliness testing
- Laboratory water sampling
- Industries: semiconductor, pharmaceutical, data storage, medical, aerospace, automotive
- Sampling chemical out of finished product packaging
- Sampling out of wet process tanks for process and filter monitoring

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Specifications

Syringe size	50 ml (standard), 25 ml (optional)
Sampling mode	Vacuum, Batch
Wetted surface materials	Kel-F®, PFA, PTFE, Kalrez®
Sample volume	Adjustable with software interface
Sample temperature	59 – 104 °F (15 – 40 °C)
Dimensions (l x w x h)	10.0 x 9.0 x 12.3 in (25.4 x 22.9 x 31.2 cm), not including particle counter
Weight	14 lb (6.4 kg), not including particle counter
Power	100 – 240 V, 50 – 60 Hz
Environment	Temperature: 50 – 86 °F (10 – 30 °C) Humidity: Non-condensing



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