ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

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Find the *Particle Measuring Systems LiQuilaz SO5* at our website: *Click HERE*

Syringe Sampling System with LiQuilaz®

The Syringe Sampling System with LiQuilaz is used to size and count suspended particulate matter in liquids. These systems are ideal for applications where precise small volume sampling is needed. The system consists of a syringe sampler for either corrosive or non-corrosive liquids, a particle monitor for different sizing sensitivities, and software.



BENEFITS

Cost Effective

- Small sample volume minimizes waste of expensive product
- Automated system saves time and money
- Compatible with both corrosive and non-corrosive liquids

User-Friendly

- Easy to use, pull-down help menus
- Recipes can be created and retrieved for later sampling
- Password security maintains system integrity

Versatile

- Batch and in-line sampling capabilities
- Supports a wide range of applications
- Programmable process control limits
- Programmable particle size thresholds
- Extremely accurate measurements

FEATURES

- Sizing sensitivities from 0.2 to 125.0 microns
- Up to 15 sizing channels available
- Container and in-line sampling
- Sample volumes from .1 milliliter to 1000 milliliter
- Optional 21CFR11 compliant software
- Small footprint, compact system
- Wide range of chemical compatibility

APPLICATIONS

- Small volume chemical quality assurance
- Part cleanliness testing
- Laboratory water sampling
- Pharmaceutical testing for USP compliance

INDUSTRIES

- Semiconductor
- Pharmaceutical
- Data storage
- Medical
- Aerospace

Without measurement, there is no control.

PARTICLE MEASURING SYSTEMS
www.pmeasuring.com

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Specifications

Liquid sampler	LS-200 Non-corrosive liquids	LS-50 Corrosive liquids
Syringe size:	1, 5, 10 (standard) and 25 ml	1, 10, 25 and 50 ml (standard)
Sampling mode:	Vacuum syringe pump	
Minimum sample size:	10% of syringe volume	
Wetted surface materials:	Glass, Teflon®	
Power:	100-240V, 50-60 Hz, 1.25 amp maximum	
Sample volume:	adjustable from 0.1 ml to 25 ml	adjustable from 0.1 ml to 50 ml
Dimensions (l, w, h):	16” x 8” x 11” (40 x 19 x 29 cm)	14” x 11” x 4” (36 x 29 x 9 cm)
Weight:	22 lbs. (10 kg.)	11 lbs. (5 kg.)
Environment:	Temperature: 10 - 35°C, Humidity: non-condensing	

Liquid sensor	LiQuilaz E 20P	LiQuilaz SO5	LiQuilaz SO3	LiQuilaz SO2
Size range:	2.0 - 125.0 µm	0.5 - 20.0 µm	0.3 - 3.0 µm	0.2 - 2.0 µm
Channels:	15	15	15	15
Flow rate (ml/min):	20 ± ml/min	20 ± ml/min	20 ± ml/min	20 ± ml/min
Sampled %:	100%	100%	100%	100%
Maximum concentration/ml*:	10,000 cts/ml	10,000 cts/ml	10,000 cts/ml	10,000 cts/ml
Zero count:	50 cts/liter	50 cts/liter	50 cts/liter	50 cts/liter
Maximum psi:	25	100	100	100
Sample temperature:	10-50°C	10-50°C	10-50°C	10-50°C
Wetted surface materials:	Glass, Teflon, Stainless steel, Buna N	Sapphire**, Kel-F® Teflon, Chemraz®	Sapphire**, Kel-F Teflon, Chemraz	Sapphire**, Kel-F Teflon, Chemraz
Dimensions (l, w, h):	13” x 5” x 4” (32 x 11 x 11 cm)			
Weight:	6 lbs. (3 kg)			
Power:	85-125 V, 50-60 Hz 115 VAC ±10% 220-240 V, 50-60 Hz 220 VAC ±10% LiQuilaz SO2 = 100, 115, 220, 230, or 240V			
Calibration:	Materials used are traceable to USA NIST			
Environment:	Temperature: 10 - 35°C, Humidity: non-condensing			
Software:	Sampler Sight			

*Greater than 90% accuracy (less than 10% coincidence loss) at a maximum recommended concentration.
**Compatible with hydrofluoric acid sampling.
LiQuilaz® is a registered trademark of Particle Measuring Systems, Inc.
Teflon® is a registered trademark of E. I. Dupont de Nemours and Company
Kel-F® is a registered trademark of Minnesota Mining and Manufacturing Company.
Chemraz® is a registered trademark of Greene, Tweed of Delaware.
Particle Measuring Systems, Inc. reserves the right to change specifications without notice.

AUTHORIZED REPRESENTATIVE

CE

ISO 9001:2000
FM 40574

Registration applies to the Boulder, Colorado facility

PARTICLE MEASURING SYSTEMS
www.pmeasuring.com
info@pmeasuring.com

Particle Measuring Systems Headquarters
5475 Airport Blvd., Boulder, CO 80301
(303)443-7100 1-800-238-1801 FAX: (303)546-7331
Instrument Service & Support: 1-800-557-6363
Customer Response Center: 1-877-475-3317

Particle Measuring Systems Europe
Tel: +44 (0)1684-581000

Particle Measuring Systems Japan
Tel: 813-5298-8175

Particle Measuring Systems Singapore
Tel: (65) 68460-500

Particle Measuring Systems China
Tel: 86-21-53855332-18

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