

LiQuilaz[®] E20WN

Particle Counting Spectrometer for Liquids

The LiQuilaz E20WN optical particle counter from Particle Measuring Systems is a volumetric particle counter with sizing sensitivities from 2 - 125 microns.

Volumetric particle counters offer the highest precision possible by measuring 100% sample volumes so that short sampling intervals can be utilized without sacrificing statistical significance.



BENEFITS

Yield Improvement

- Real-time characterization and analysis of particle concentration for immediate response to contamination
- Optional software makes process control easy by providing alarm settings, status conditions, sampler setup, and online help
- Volumetric measurements provide greater accuracy for tighter process control

Versatile

- Supports a wide range of applications and fluids
- Works online or with compression sampler
- E20P Available for use with syringe samplers
- Compatible with various tubing standards
- In-line and batch sampling capabilities
- RS-485 networking compatibility

Easy To Use

- Small footprint for easy placement anywhere in the process
- Flexible software provides numerous viewing options for real-time or retrieved data
- User selectable particle size thresholds

FEATURES

- Sizing sensitivities from 2 - 125 μm
- 15 user-adjustable sizing channels
- Volumetric - 100% view volume
- In-line sampling
- SamplerSight or Facility Net software
- Compact system

APPLICATIONS

- Chemical quality assurance
- Process bath monitoring
- DI water monitoring
- Chemical delivery systems
- Parts cleanliness testing

Without measurement, there is no control.

LiQuilaz E20WN

Size range:	2 - 125 μm
Size channels:	15
Flow rate (ml/min):	70 ml/min
Sample volume:	Volumetric 70 ml/min (100%)
Maximum concentration*:	10,000 particles/ml
Sample temperature:	10 - 50°C
Zero count:	< 50 cts/liter
Maximum pressure:	100 psi
Laser source:	Laser diode
Wetted surface materials:	Teflon®, glass, stainless steel, and BUNA-N
Dimensions (l, w, h):	13 x 4 x 5 in (32 x 11 x 11 cm)
Weight:	6 lb. (3 kg)
Power:	85 - 250V, 50 - 60 Hz
Communications:	RS-485
Calibration:	Materials used are traceable to USA NIST
Environment:	Temperature: 10 - 35°C Humidity: noncondensing

*Greater than 90% accuracy (less than 10% coincidence loss) at maximum recommended concentration.

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Particle Measuring Systems, Inc. reserves the right to change specifications without notice.

AUTHORIZED REPRESENTATIVE



Registration applies to the Boulder, Colorado facility

ISO 9001:2000
FM 40574



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