

# LiQuilaz<sup>®</sup>

## Particle Counting Spectrometer for Liquids



The LiQuilaz optical particle counters are volumetric particle counters with a variety of sizing sensitivities as low as 0.2 microns. They provide high precision analysis for most process chemicals, including hydrofluoric acid and hot corrosive chemicals up to 150°C.

Volumetric particle counters offer the highest precision possible by measuring 100% sample volumes (up to 80 mL/min.) so that short sampling intervals can be utilized without sacrificing statistical significance.

### BENEFITS

#### Yield Improvement

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

#### Versatile

- Supports a wide range of applications and fluids
- Works with compression or 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

### APPLICATIONS

- Effervescent chemical measurements using compression sampling
- Chemical quality assurance
- Process bath monitoring
- DI water monitoring
- Chemical delivery systems
- Photoresist monitoring