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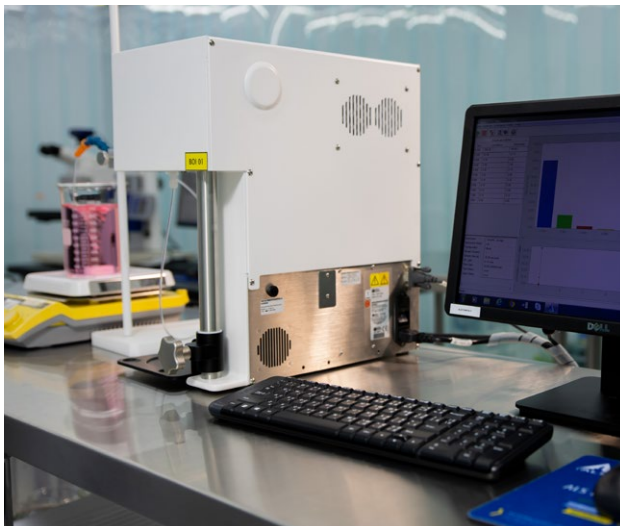
Technical note

## Liquid borne Particle Counter (LPC)

Syringe Liquid Particle Sampler SLS-1200, LiQuilaz® S02 Particle Counter

**Liquid borne Particle Count (LPC)** testing method is used for measuring the particles suspended in a liquid medium, on a surface or within a fluid delivery line. This technique is determining particle size distributions and for counting the number of particles suspended in the liquid. The liquid flow through the high intensity light source (laser) and instrument photo detector determines particle sizes by light blocking or light scattering technique.

The surface particle shall be suspended on liquid medium by various extraction techniques such as shaking, agitation, spraying or ultrasonic. Once finish the extraction, the LPC system shall fully automated operate for particle sizing and counting.



### Key Features

- Sensitivity range is 0.2 to 2  $\mu\text{m}$  particle size (minimum particle size 0.2  $\mu\text{m}$ ).
- Required small sample volume (best for very limited sample).
- Programable particle size thresholds.
- Fully automated system.
- Compatibility with both corrosive and non-corrosive liquids.

### Services

ALS Pathumthani provides all extraction techniques to fit for client product or application. We test for many applications; for example, drinking water, ultrapure water, particle contamination on electronics part, automotive particle, and pharmaceutical or medical product.



### ABOUT ALS

With more than a decade of sophisticated testing experience, ALS Pathumthani has a diverse range of sampling, testing, and consulting services for the Electronics industry. We have dedicated technical staff to deliver reliable and timely analytical solutions for customer testing needs. We specialize in micro-contaminant and RoHS analysis, offering tailored analytical

packages that are specific to client requirements and needs. We are ready to deploy our world-class services to additional industries to support Thailand's industry growth. ALS provides the wide range of professional services for Electronics, Semi Conductor, Automotive, Telecommunication, and Wear-Check analysis (Tribology).

**ALS Testing Services (Thailand) Co., Ltd. An ALS Limited Company**

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