



# LIQUID PARTICLE COUNTER

## LS100-5

LS100-5 is for measuring fine particle contaminants in liquids. Using the principle of light scattering, it measure the size and counting of the fine particles in the liquid, and analyze the size distribution and contamination of the particles in the liquid.

### Feature

- Up to 16 particle size channels, user can determine the particle size setting
- Precision syringe sampling device, the sample rate is more stable
- Desktop and off-line sampling method, non-sensitive to vibration, can be used for multi-sample testing applications
- Automatic Data storage, query and historical data printing
- Optional PC control software, help users easily do sample settings, data collection and printout
- Analysis report comply with 21 CFR part 11

"electronic records and signatures"



### Application

- Deionized water detection
- Cleanliness detection of the parts
- Filtration efficiency detection
- Water detection production process
- Chemicals quality testing

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## Technical specification

Particle size range	0.5 – 20 $\mu$ m
Size channels	16
Max. concentration	10000 particles/ml
Accuracy	$\pm$ 10%
Sample rate	25 ml/min
Sensor material	316 stainless steel, quartz glass , TEFLON
Power supply	220V/50HZ
Data output	RS232 port; USB; built-in printer
Display	7 inch LCD color touch screen
Size	320(L)x309(W)x394(H) mm
Weight	11.0 kg
Environment	Temperature 5 -40 $^{\circ}$ C, RH 0 ~ 95% non-condensing

