

Automated Liquid Particle Counter

Automates liquid particle counting using selectable cup or tube sample formats. Adjustable needle positioning and automatic washing support batch workflows; cup stirring and tube capacities differ by configuration.



Key features

- Preset 10 µm and 25 µm channels
- Programmable sampling flow
- Timestamped laboratory reports

Technical Information

Particle size range	1-400 μm
Sampling flow	5-60 mL/min
Concentration range	0-10000 particles/mL
Size resolution	>90%
Touch display	15 in; Windows
Pre-sampling volume	0.3-1 mL
Sample volume	0.2-100 mL
Standard syringe	10 mL
Sample volume error	$<\pm 1\%$
Count accuracy	$\pm 10\%$
Repeatability: >1000/mL, 5 mL sample	RSD <2%
Custom channels	≤ 16 ; 2-100 μm

Data interface	RS232
Network	Wi-Fi / Ethernet
Cup mode: positions / volume	24 / ≤50 mL
Tube mode: positions / volume	96 / ≤20 mL
Preset channels	≥10 / ≥25 µm
Additional preset groups	≥2 / 5 / 10 / 15 / 20 / 25 µm; ≥5 / 8 / 10 / 12 / 50 / 100 µm
Anesthesia-device channels	4-6 µm / >5 µm
Cup stirring / tube stirring	Individual adjustable / none

Standard Configuration

Instrument as configured in the quotation. Confirm sampling syringe, tubing, printer and consumable quantities in the delivery list.

Optional Accessories

Calibration materials, replacement consumables and qualification documents are separately confirmed and quoted where available.

Selection / Ordering Information

Confirm sample matrix, method edition, size channels, sample volume and required reports. Method references do not establish certification; validate software and method suitability for the laboratory workflow.