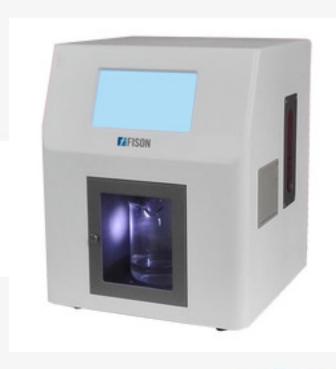


Liquid Particle Counter FM-LPC-A202



Description:

Liquid Particle Counter FM-LPC-A202 is a precision small capacity syringe sampling device with 0.5 to 20 μ m particle size range, and stable injection speed. Use of light scattering principle, with imported high power laser light source it accurately determines size and particle counting up to submicron mid-sized particles in liquid. Detects particle present in organic, colored and transparent, oil-based liquid samples.

Specifications:

Particle size range	0.5 to 20 μm		
Particle size channel	16 channels (can set particle size as per requirement)		
Maximum detection concentration	10000 particles/ ml		
Particle size detection details	Accuracy ± 10%		
	Repeatabilit RSD <2% (number of particles >1000 particles/ ml, 5 ml sampling)		
	Resolution <10 % (ISO 21501)		
Syringe specifications	1, 5, 10 ml		
Sampling speed	25 ml/ min		
Sampling volume accuracy	± 1.5 %		
Sampling volume range	1 to 500 ml		

Minimum sampling volume	0.2 ml (for 1 ml syringe size)	
	0.4 ml (for 5 ml syringe size)	
	0.4 ml (for 10 ml syringe size)	
Stirring Method	Magnetic stirring (with adjustable speed)	
Sensor material	316 stainless steel, quartz glass, Teflon	
Display	7 inch LCD touch screen colored display	
Data output	RS232 interface, USB, thermal printer	
Environment Temperature range	10 to 40°C	
Environment Humidity	0 to 95 % RH	
Power supply	AC 100 to 240 V, 50/60 Hz	
Dimension (L× W × H)	320 × 309 × 394 mm	
Weight	11 kg	

Features:

- Small capacity syringe sampling
- Light scattering method for analysis
- Desktop off-line sampling method
- Automatic data storage
- Built-in calibration curve meets ISO 21501 standard
- Use of magnetic stirring method, with adjustable stirring speed
- Complies with 21 CFR- 11 guidelines
- Powerful application software development support
- USB interface connections to transfer data to other devices

Applications:

Used to determine particle count in deionized water, to analyze the cleanliness of the medical parts, chemical quality testing, and to detect filters filtration efficiency.

Accessories Optional:

Accessories No.	Name	Qty
1	Calibration standard (10 µm latex microsphere suspension)	1 bottle

Standards:

Particle size distribution ISO 21501-4: 2007



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