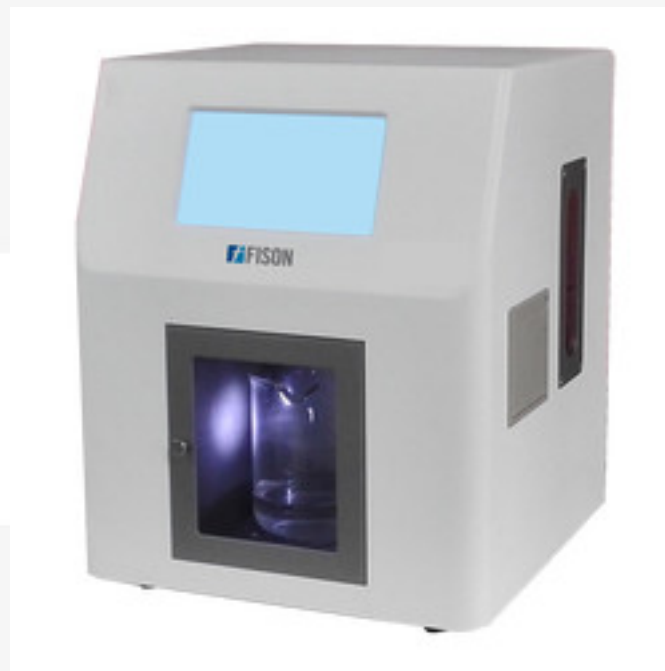


Liquid Particle Counter FM-LPC-A201



Description :

Liquid Particle Counter FM-LPC-A201 is a precision large capacity syringe sampling device with faster flow rate, accurate sampling volume and stable speed. With 2 to 600 μm particle size range, it detects insoluble particles present in various medical, pharmaceutical products like particulate contamination in liquid doses, large and small injections doses and others. Detects particle present in organic, colored and transparent, oil-based liquid samples.

Specifications :

Particle size range	2 to 600 μm	
Particle size channel	24 channels (2 to 100 can be set arbitrarily)	
Maximum detection concentration	10000 particles/ ml	
Particle size detection details	Accuracy	$\pm 10\%$
	Repeatability	RSD <2% (number of particles >1000 particles/ ml, 5 ml sampling)
	Resolution	<10 % (USP, ISO 21501)
Syringe specifications	25 ml	
Sampling speed	60 ml/ min	
Sampling volume accuracy	$\pm 1.5 \%$	
Sampling volume range	1 to 500 ml	

Minimum sampling volume	1.0 ml (for 25 ml syringe size)
Stirring Method	Magnetic stirring (with adjustable speed)
Sensor material	316 stainless steel, quartz glass, PTFE, NBR
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 :

- Large capacity syringe sampling with faster flow rate
- Photo resistant liquid particle counting method
- Intelligent automatic detection function
- Built-in calibration curve meets ISO 21501 standard
- Built-in USP testing standards (788, 789)
- 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 in various medical devices plants, clean rooms, pharma laboratories to detect filter filtration efficiency, particle contamination detection, cleanliness detection, insoluble particles in oils and other liquids of petroleum industry.

Accessories Optional:

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

Standards:

Particulate matter in injections USP 788

Particulate matters in Ophthalmic Solutions USP 789

Particle size distribution ISO 21501-4: 2007



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