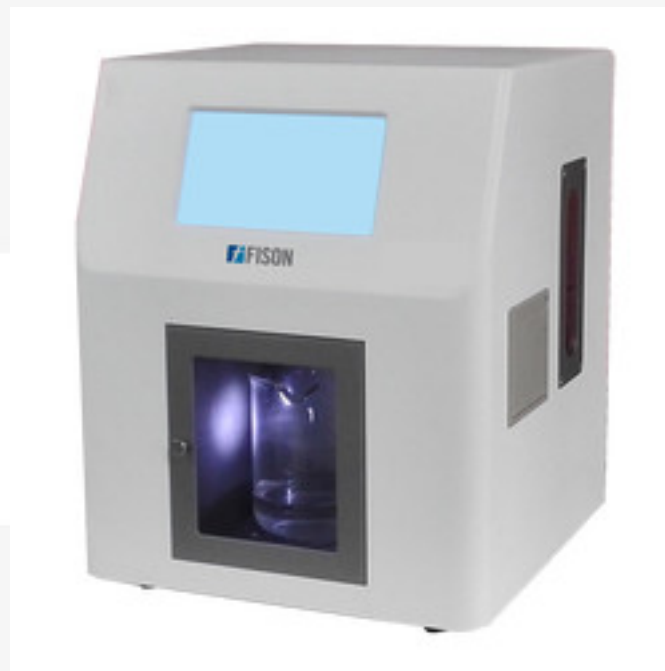


Liquid Particle Counter FM-LPC-A200



Description :

Liquid Particle Counter FM-LPC-A200 is a precision syringe sampling device with accurate sampling volume and stable speed. With 2 to 400 μm particle size range, it detects insoluble particles present in various pharmaceutical products such as particulate contamination in liquid doses, infusion sterile powder in parenteral fluid to control the parenteral fluid rate. Detects particle present in organic, colored and transparent, oil-based liquid samples.

Specifications :

Particle size range	2 to 400 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	1, 5, 10 (standard configuration), 25 ml	
Sampling speed	20 ml/ min	
Sampling volume accuracy	$\pm 1\%$	
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)
	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 :

- Intelligent automatic detection function
- Intelligent automatic calibration 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 pharmaceutical applications such as injections testing under (CP, USP, EP, JP and others), filtration efficiency detection, laboratory water testing, cleanliness detection of medical equipment or spare parts.

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

