INNOVA
The passion for science

Adopting high-performance laser light sources and optical energy compensation circuits to ensure the detection accuracy of various colorless and colored clear samples.

Adopting an advanced high-pressure injection pump sampling system, the sampling volume can be set independently without being affected by the viscosity of the test sample

Store hundreds of injection drug names for quick setting, making program selection more convenient.

Set any channel within the particle size range of 1-500uM to meet the requirements of different particle sizes for inspection samples

Automatic data processing and storage, which can be connected to the laboratory operating platform or connected to a computer to use specialized supporting software for data analysis and statistics.

Innova Particle Analyzer adopts innovative technology and optimal quality，committed to the global drug testing industry.Equipped with thousands of different particle sizes can be free set up, accuracy 0.1μm.The high performance processor, nearly 10000 counting channels, realize high precision data acquisition.This analyzer can also be used in the food industry. For example, it can be used to detect tiny particles in food samples, such as food additives, contaminants, and carcinogens. This data helps ensure food safety and hygiene.

Particle Analyzer

www.innovabiomed.com

IPA-16 Particle Analyzer

Main Features:

1. Multiple standard detection procedures, for injection, aseptic powder and infusion apparatus.

2. High detection accuracy through high energy laser source and optical compensation circuit.

3. High-precision and high-pressure injection pump sampling system,select the injection volume and speed to the sample viscosity, meet the requirements of high viscosity samples.

4. Unique detection procedure for low sample size injection.

5. Material of the injection seam and pipe are 316L and PTFE,special solutions (e.g. organic solvents and oil bases) are suitable.

6. Set channels freely, accuracy 0.1μm, multiple counting methods(difference fraction value,cumulative value etc.)

7. Automatic calibration of channel and injection volume.

8. Friction-free agitator with adjustable rotational speed,no particulate contamination caused by friction.

9. Color LCD touch screen,Simultaneously display multi-channel detection data and histogram information.

10. Medicine and medical equipment name preset.

11. Automatic data processing and standard with printer.

Main Parameters:

Channel:	16 channel,customize thousands of particle sizes, accuracy 0.1μm
Detection Range:	1~500μm
Count Range:	0~9999999 particle
Sample Volume:	0.2ml~1000ml (accuracy 0.1ml)
Volumetric Accuracy:	<±0.5%(0.2ml~1000ml)
Syringe Volume:	1ml,2.5ml,5ml,10ml,25ml optional
Sample Feeding Speed:	2~100ml/min
Counting Accuracy:	< required value±5%
Channel Resolution:	>95%
Repeat:	RSD<1.5%(standard particle≥1000 particle/ml)

Optimal Detection Concentration:	0~18000 particle/ml
Stirring Speed:	0~2000r/min
Work Temperature:	10~40℃
Power:	AC220V±10% ; 50Hz; <80W
Datalogging:	Needle printer, RS232 interface, USB interface

IPA-64 Particle Analyzer

Main Features:

1. Automatic lifting system, suitable for irregular packaging inspection.

2. High-performance processor, nearly 10,000 counting channels, high-precision data acquisition.

3. Fully automatic calibration.

4. Android system, humanized interaction design.

5. High detection accuracy through high energy laser source and optical compensation circuit.

6. Material of the injection seam and pipe are 316L and PTFE,special solutions (e.g. organic solvents and oil bases) are suitable

7. Automatic data processing, high data storage capacity.

8. RS232&USB interface connect to external computer, data classification and retrieval.

9. Visual dust-proof door to prevent samples from being contaminated

Main Parameters:

Channel:	64 channel, customize thousands of particle sizes, accuracy 0.1μm
Detection Range:	1~500μm
Count Range:	0~9999999 particle
Sample Volume:	1ml~full volume, accuracy 0.1ml
Syringe Volume:	<±0.5%
Sample Speed:	5~80ml/min
Counting Accuracy:	< required value±5%

Channel Resolution:	>95%
Repeat:	RSD<1.5%(standard particle≥1000 particle/ml)
Optimal Detection Concentration:	0~18000 particle/ml
Stirring Speed:	0~1000r/min
Work Temperature:	10~40℃
Power:	AC220V±10% ; 50Hz; <80W
Datalogging:	color LCD touch screen; printer(standard); RS232 interface connect computer

Comparison Sheet:

Parameters	IPA-16 Particle Analyzer	IPA-64 Particle Analyzer
Channel:	Channel Set up:16 Channel, thousands of different particle sizes can be free set up, accuracy 0.1μm	Channel Set up:64 Channel, thousands of different particle sizes can be free set up, accuracy 0.1μm
Detection Range:	1~500μm	
Count Range:	0~9999999 particle	
Sample Volume:	0.2ml~1000ml(accuracy 0.1ml)	
Volume Accuracy:	<±0.5%(0.2ml~1000ml)	<±0.5%
Syringe Volume:	1ml、2.5ml、5ml、10ml、25ml Arbitrary Choose	/
Sample Feeding Speed:	2~100ml/min，arbitrary set up	5~80ml/min
Counting Accuracy:	< required value ±5%	
Channel Resolution:	>95%	
Repeat:	RSD<1.5%(standard particle1000 particle/ml)	
Optimal Detection Concentration:	0~18000 particle/ml	
Stirring Speed:	0~2000r/min, impeller mixer of adjustable	0~1000r/min, impeller mixer of adjustable
Work Temperature:	10~40℃	
Power:	AC220 ±10%; 50Hz; <80W	AC220 ±10%; 50Hz; <80W
Datalogging:	Needle printer, RS232 interface, USB interface	

Professional Solution Provider of Laboratory/Pharma Equipment

Water Purif ication System

Freeze Dryer/Lyophilizer

Biosafety Cabinet/Laminar Flow

Biofermentation Solution

Shaking Incubator/Shaker

Cold Storage Solution

Glassware Washer

Incubator

Climate Chamber

INNOVA

Qingdao Innova Bio-Meditech Co., Ltd.

Add ： No. 176 Jufeng Road,266199, Qingdao, China

Tel ： +86 532 8789 0634

Email ： info@innobiomed.com

Web ： www.innovabiomed.com