

YKGF-DS1 High-capacity Particle Analyzer(Audit track)



Main Features:

- Meet the requirements of national standards of China Pharmacopoeia、America Pharmacopoeia、Pharmaceutical package standard、 infusion devices GB8368.
- It adopts new type of injection pump to ensure continuous sampling, high precision and fast speed.
- The liquid level automatic recognition function can distinguish the end point test without setting the sampling volume.
- The high performance laser light source and light energy compensation circuit, ensure the test precision of various samples of colorless, colored sample.
- The high performance processor, nearly 10000 counting channels, realize high precision data acquisition.
- The fully automatic calibration, built-in kinds of calibration curves, meet the requirements of different standards.
- The multi-level rights management for data security.
- Android operating system, built-in huge storage, data statistical analysis function.
- Meet the requirement of data audit tracking in computer system.

Main Technical Index

- Channel Set up:64 Channel, thousands of different particle sizes can be free set up, accuracy 0.1 μ m
- Test Range:1~500 μ m
- Count Range:0~9999999 particle
- Sample Volume:1ml~full volume, accuracy 0.1ml
- Accuracy of Sample Volume: $\pm 0.5\%$



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- Sample Speed: 5~80ml/min, arbitrary set up
- Counting accuracy: < required value \pm 5%
- Channel Resolution: >95%
- Relative Standard Deviation: RSD<1.5%(standard particle \geq 1000 particle/ml)
- The best detection concentration: 0~18000 particle/ml
- Mixing Speed: 0~1000r/min, impeller mixer of adjustable
- Work Temperature:10~40°C
- Power: AC220V \pm 10% ; 50Hz; <80W
- Data output: Built-in Pin mini-printer; RS232 interface can connect computer; USB saved interface.