



LASER DUST PARTICLE COUNTER BKF-3201

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SPECIFICATIONS

Model	BKF-3201
Sampling flow rate	28.3L/min $\pm 5\%$ (1CFM)
Particle size channels	0.3um, 0.5um, 1um, 3um, 5um, 10um
Light source	Long Life Laser Diode
Repeatability relative error	$\leq \pm 10\%$
Particle size distribution error	$\leq \pm 30\%$
Maximum sampling concentration	35000 particle/Liter
Zero count	≤ 10 min(Count 3 consecutive times within 10 minutes to zero, with a 95% confidence level)
Sampling time	User defined (0~9999 S)
Sampling delay	User defined (0~100 S) Interval (0~1800S)
Sampling area	User defined (0~9999)
Sampling location	User defined (0~9999)
Working time	Continuous testing time of about 5 hours
Storage capacity	1~5000 sets of measurement data, searchable
Display	8 inch colorful touch screen
Printer	Built-in thermal Printer
Power supply	AC 220V/50Hz
Battery	DC 16.8V, 18650 lithium battery (only for ACDC)
Charging adapter	Input 100-240V 2.5A, output 17.5V 5A (only for ACDC)
Charging time	5 hours (only for ACDC)
Temperature and humidity sensor	Optional choice
Environment	Using environment: 0~40°C relative humidity 10~90% Storage environment: -30°C~45°C relative humidity 0~90%
Standard accessories	Stainless steel sampling heads, sampling head connection hose, self-cleaning filter, tripod, printing paper, portable protection box, charging adapter, user manual, calibration report
Product dimension(L*W*H)	315 * 260 * 230 mm
Material	SUS304
Weight (include battery)	8Kg
Alt Name	Laser Dust Particle Counter

APPLICATIONS

The laser dust particle counter (28.3L/min) is used to measure the size and number of dust particles in a unit volume of air in a clean environment. It is widely used in industry such as medicine, optics, chemistry, food, cosmetics, electronic health, biological products, aerospace, etc.

The laser dust particle counter adopts a semiconductor laser light source, a large touch screen display, small size, light weight, high detection accuracy, simple and clear functional operation, microprocessor control, can store and print measurement results, and is very convenient for testing in a clean environment.



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