BioLAB

PRODUCT CATALOG



LASER DUST PARTICLE COUNTER BKF-2801

CE ISO9001 CERTIFIED

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HANDHELD AIR DUST PARTICLE COUNTER



SPECIFICATIONS

Model	BKF-2801
Light source	Semiconductor laser with a lifespan greater than 35000 hours
Sampling flow rate	2.83L/min (0.1ft3) imported sampling pump
Rechargeable battery	Lithium ion battery, 7.4 V, 2200mAh
Power supply	AC power adapter, AC: 100V~245V, 50/60 Hz to DC: 7.4 V, 1 A;
Working hours	6 hours (remaining battery indicator)
Counting mode	Cumulative value, difference, concentration value
Testing method	Single, repetitive, continuous, computational, remote
Unit conversion	Unit can be converted to m3
Particle size channel	0.3, 0.5, 1.0, 3.0, 5.0, 10 μm. Simultaneous counting of six particle sizes
Sampling period	1-10000 (s) Delay count: 0-99 (s) Self purification time: ≤ 10 (min)
Work environment	Temperature: 10-40 °C (50-104) Relative humidity: 20-90% RH, no condensation Atmospheric pressure: 86-106KPa
External size	230x130x45mm
Weight	0.6kg
Alt Name	Handheld Air Dust Particle Counter

APPLICATIONS

The instrument can simultaneously measure the number of dust particles with multiple particle sizes in one sampling, and this product has been widely used for cleanroom testing in electronic production enterprises; On site inspection and leak detection of filters; It can monitor biosafety, HVAC systems, computer rooms, beverage packaging environments, drug and medical device production environments, hospital clean operating rooms, automotive spraying environments, microelectronics, biochemical products, food hygiene, fine chemicals, precision machinery and other production and research departments.
It is the preferred instrument for HVAC and pharmaceutical enterprises and their supervisory and management departments to implement GMP standards and electronic production enterprises.



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