

AIR DUST PARTICLE COUNTER(Handheld)

Brand - BioGenix®

PRODUCT DESCRIPTION

BIOGENIX® Brand Handheld Air Particle Counter is ergonomically designed to fit in the palm of your hand. The counter is very rugged and offers true portability while retaining the features and sensitivity of larger particle counters.

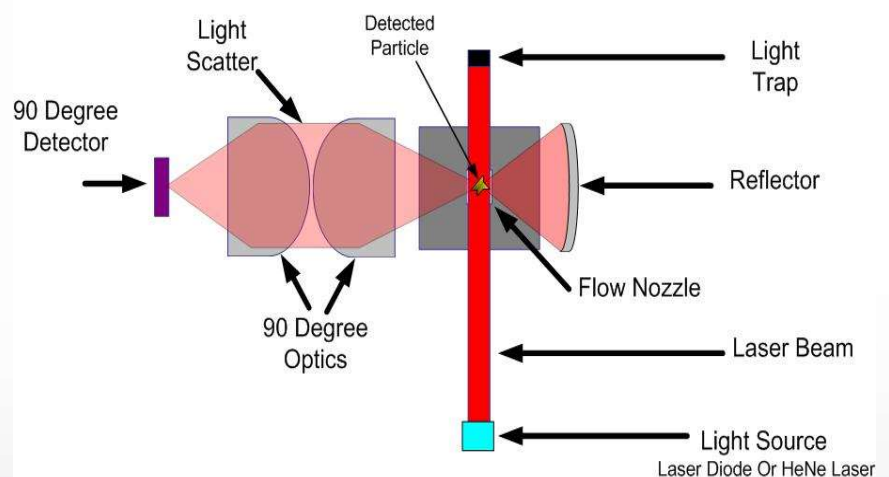
BioGenix is a leading salers of instruments for airflow testing, indoor air quality (IAQ) monitoring, dust monitoring, particle counting and particle monitoring, automotive testing, and more. Industries we serve include HVAC, medical, pharmaceutical, construction, industrial manufacturing, semi-conductor manufacturing, automotive and aerospace engineering, and more.



KEY FEATURES

Particle counters function primarily using the principles of light scattering, although other technologies may also be employed. Light scattering by particles use instrumentation comprising a high-intensity light source (a laser), a controlled media flow (air, gas or liquid) and highly sensitive light-gathering detectors (a photo detector).

Top Down View of Particle Counter



Instrument supplied with:

1. suitcase;
2. charger;
3. sampling head;
4. line of communication;
5. communication software;
6. Automatic Purifier

Technical Specifications

Test particle size	0.3, 0.5, 1, 3, 5, 10µm
Light source	Laser diode (lifetime greater than 30,000 hours)
Flow	2.83 L/min(0.1cfm)
Counting efficiency	50±10%@0.3µm, 100±10%@0.5µm
Measuring repeated relative deviation	≤±10%
sampling time	User-defined (1 minute to 99 minutes)
Sampling delay	User-defined (1 minute to 99 minutes)
Sampling frequency	1 to 99 times or continuously
Alarm level	Class100 to Class 300,000 (FED209E standard) or class 5 to 9 (ISO14464-1 standard)
test method	Single / repeat / continuous / timing / average
Data memory capacity	1000 sets of measurement data
Error indication	Exceeding the maximum count, the laser power is attenuated, exceeds the calibration flow (>±5%), and the battery is low.
Communication Interface	USB
Maximum communication rate	12MBPS
Charging time	3 hours, 12 hours for the first charge
Self-cleaning time	≤10min
Maximum concentration	"±5% at 2000000 particles/ft3 (71000 Particle/L)
Screen display mode	LCD touch screen
printing method	External printer with Epson ribbon
Sampling position number	1000 groups
Counting mode	Cumulative number, interval,
power supply	Rechargeable Ni-MH battery (6V/2500mAH) or AC adapter (input 100~240V)
Battery working time	Continuous test time is greater than 6 hours
Dimensions	220*40*120mm
Weight	1kg
Environmental conditions	Working environment 15~35°C, 10-85%RH; storage environment: -10~50°C, 10-85%RH
Standard accessories	AC adapter, battery charger, clear filter, power sampling head, portable protection box, operating instructions, original calibration report, Bluetooth printer, data export software
Optional accessories	
Verification standard	JIS-B-9921(1997), ASTM-F649-01, ASTM-F328-98 (NIST traceable) JJG547-1988 GB/T6167-2007 JJF1190-2008
UCL criteria	ISO14644 FS209E



BIOGENIX SYSTEMS PRIVATE LIMITED

S-10, Pankaj Central Plaza, Pocket-5, Plot no-5,
Sector-12, Dwarka, New Delhi-110075, INDIA

Email: sales@biogenixsystems.com |

Phone: +91-11-43738899 | 9990251155-99 | 9911717057

Website: www.biogenixsystems.com

Dealer Details

info@biogenixsystems.com
www.biogenixsystems.com