

# AIR PARTICLE COUNTER



## OVERVIEW

Airborne particle Counter is a Portable precision particle counter. The instrument uses light scattering principle to measure the particle size and quantity in th air whic hthe particle size is 0.3um~10.0 um. it is mainly used in clean room testing, air filter and filtering material performance testing and other fields.it can be mainly used in cleanroom / operating room monitoring and verification, filter testing, IAQ investigation, data center cleaning and other fields.

## FEATURES

- 100 lpm with 0.3 um micron which will help for compressed air also
- Fully 21 CFR Part 11 Compliance
- Three level User Management Facility
- continuous run up to 4 hours
- Specially designed by USA
- SS316L body
- particle measurement till 6cr which will help for recovery study also
- Very compact bag with high quality tripod
- Particle can run 4 hour continuous
- No Charger required for Particle counter

# PARAMETER

**Particle Size :** 0.3, 0.5, 1.0, 3.0, 5.0, 10.0um

**Counting Efficiency :** 0.3um: 50%; >0.5um: 100%

**Error of particle size :** 0.5um, 5um size < +30%

**Repeatability :** <10%FS at the same test condition

**Concentration Limits :** 35000000/m<sup>3</sup>, 10% coincidence loss

**Laser Source :** Laser diodes

**Zero Count level :** <1 count/5min

**Flow Rate :** 28.3 LPM / 100 LPM, Maximum Permissible error +2%

**Count Mode :** Automatic, Accumulate

**Count time :** 1~36000s

**Count Cycle :** 1~100 times

**Exhaust Filtration :** Build-in HEPA filter (>99.97%@0.3um)

**Operation Environment :** (-20~50) C, <85%RH

**Power Adapter :** DC12V, 2A

**Battery :** Rechargeable Lithium-ion battery 25.9V12Ah

**Battery Run Time :** About 7 hours For 28.3 L/Min , 4hours For 100 L/Min

**Battery Charge Time :** About 5 hours

**Noise :** <60db (A)

**Host Size :** (310x275x230) mm

**Weight :** About 7.5kg

**Power Consumption :** About 80W

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**CONTACT US**

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