

# Laser Dust Particle Counter



## APPLICATION

The product is widely used in medicine, optics, chemistry, food, cosmetics, electronic health, biological products, aerospace and other fields.

## FEATURES

1. 7-inch touch screen control, friendly interface and convenient operation.
2. Calculated by 95% confidence level (UCL), it can directly display particle concentration (particles/m<sup>3</sup>) and purification level.
3. 4GB data storage card, data storage management.
4. The material of the chassis is cold-rolled steel plate (anti-rust treatment, electrostatic spraying)
5. Built-in thermal printer
6. Imported semiconductor laser tube and imported semiconductor photosensitive receiver tube.
7. The counting result can be converted into cubic meters and cubic feet.

## TECHNICAL PARAMETERS

Model	CLJ-2083
Dimension	220*280*185mm
Sampling Volume	2.83L/min (0.1cfm/min)
Ambient Temperature	10-35°C
Ambient Relative Humidity	≤75%
Power	100w
Six Particle Size Channels	0.3μm, 0.5μm, 1μm, 3μm, 5μm, 10μm
Vacuum Source	Built-in air pump, under control flow
Light Source	Semi-conductor laser, more than 30,000h
Zero Count	Less than 10min
Communication Interface	USB
Cleanliness Level Range	ISO5-ISO9
Main Body Material	Cold-rolled steel with powder coated
Voltage	110V/220V, 50/60Hz
Optional Parts	Temperature sensor, humidity sensor
Packing Size	500*500*350mm
Gross Weight	11kg



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2. Calculated by 95% confidence level (UCL), it can directly display particle concentration (particles/m<sup>3</sup>) and purification level.
3. 4GB data storage card, data storage management.
4. The material of the chassis is stainless steel.
5. Built-in thermal printer
6. Imported semiconductor laser tube and imported semiconductor photosensitive receiver tube.
7. Support WIFI to export data directly.

## TECHNICAL PARAMETERS

Model	CLJ-2803
Dimension	220*350*260mm
Sampling Volume	28.3L/min (1cfm/min)
Ambient Temperature	10-35°C
Ambient Relative Humidity	≤75%
Power	150w
8 Particle Size Channels	0.3μm, 0.5μm, 0.7μm, 1μm, 2μm, 3μm, 5μm, 10μm
Vacuum Source	Built-in air pump, under control flow
Light Source	Semi-conductor laser, more than 30,000h
Zero Count	Less than 10min
Communication Interface	USB, RS485
Cleanliness Level Range	ISO5-ISO9
Main Body Material	Stainless steel
Voltage	110V/220V, 50/60Hz
Optional Parts	Temperature sensor, humidity sensor
Packing Size	460*400*410mm
Gross Weight	17kg