Laser Airborne Particle Counter

ST-CLJ-BII

ST-CLJ-BII (LCD)

Specifications:

- Airborne Particle Counter is an instrument used for the counting of particle amount and size distribution in clean environment.
- The main principle of the instruments is: After detecting laser of the laser sensor passed particles, the dispersed detecting laser is received by an optical sensitive component which will generate a pulse signal.
- The pulse signal is outputted and magnified.
- A conclusion can be made after the comparison between this signal and the pulse signal of standard particles.
- Through the MCU in the instrument, you can set parameters, print or store the results and time.
- The instrument can also report the humidity and temperature of the environment(optional functions), as well as the working status of the laser sensor in the instrument.
- The design of the instrument follows the standard (Average Flow Rate of air sample is 2.83lpm, 28.3lpm, 50lpm).
- It can detect 10 kinds of particle size at the same time.
- Sample time can be set according to your request.
- The maximum sample time is 59min 59sec.
- Sample date can be stored in built-in flash memory and transmitted out through a USB interface.
- The design of our Airborne Particle Counter adopts American technology.
- The instrument has the features of high-accuracy, steady performance, strong function, small size, and being easy-to-use.
- Such features reached or surpassed those of other similar products in the domestic and international market.

Specification of Laser Airborne Particle Counter

ST-CLJ-BII	ST-CLJ-BII (LCD)
Six particle-size channels (0.3, 0.5, 1.0, 3.0, 5.0, 10.0μm)	Six particle-size channels (0.3, 0.5, 1.0, 2.0, 3.0, 5.0μm)
0.1CFM (2.83 LPM) flow rate	95% UCL Calculation
95% UCL Calculation	Date and time display
Date and time display	Data conversion (ft3 and m3)
Data conversion (ft3 and m3)	Data storage
Data storage	Multiple print-modes
Multiple print-modes	Large LCD display