

SV AEROSOL PHOTOMETER



OVERVIEW

Aerosol photometer is used to test whether there is leakage on HEPA filter. According to the principle of light scattering, it is portable, yet rugged for in-situ filtration system integrity testing. The instrument conforms to NSF49 / IEST / ISO14644-3, could realize rapid detection of upstream and downstream concentration detection and real-time display leakage on the host and handheld device, and could find leaking position rapidly and accurately.

STANDARDS

NSF/ANSI 49-2019	Biosafety cabinetry
ISO14644-3:2005	Cleanrooms and associated controlled environments-Part 3 :Test Methods
GB 50073-2013	Code for design of clean workshop
GB 50591-2010	Code For construction and acceptance of cleanroom
GMP	Factory and device
YY0569-2005	Biosafety Cabinet
JJF 1815-2020	Calibration Specification for class II biosafety cabinet

FEATURES

⚙️ POWERFUL FUNCTION

Stable digital photometer
Dynamic Range : 0.0001ug/~700ug/L

⚙️ GOOD HUMAN-COMPUTER INTERACTION

5.0-inch color screen, Touch operation
Lightweight, portable and equipped with suitcase, easy To carry
The hand held device is equipped for hard to reach areas, easy to control, display and sample
Build-in Battery (optional) >3.5H

⚙️ DATA QUERY

USB & Printer available for real-time reporting.
Audit Tracing & assign permissions to users, further guarantee data integrity
sampling Data can be imported to PC

⚙️ AUTOMATIC REMINDER

When Exceed the set Value, Light & Voice alarm
inform you to replace the high efficiency filter.
Self protection in case of failure

PARAMETER

Sampling Flowrate : 28.3L/min

Dynamic Range : (0.0001~700)ug/L

Leakage detection : 0.0001%~100%

Sensitivity : 1% of readings > 0.01% to 100%

Repeatability : 0.5% of readings > 0.01% to 100%

Data Storage : 100000 groups

Environment Temperature : (10~35)C

Environment Humidity : 5% -85% (No condensation, No icing)

Storage requirements : (-10-40) C (No condensation, when relative humidity lower than 85%)

Aerosol Support : PAO,DOP etc

Size : (length 300Xwidth 330X height 184) MM

Weight : About 8kg (Battery included) About 14kg (Packing Box included)

Power Consumption : <200W

 1325, E Court St Q mart, Dyersburg, TN 38024, USA

APPLICATIONS



Medical Facilities and cleanrooms



Biosafety Cabinets and fume hoods



Independent filter certifiers



Pharmaceutical Manufacturers

CONTACT US

ASIA OFFICE

 +91 9974259469  www.auraliszone.com

 info@auralisz.com, marketing@auralisz.com,



37, Swagat industrial & Logistic Park, Chhatral, Kalol, Gandhinagar - 382729