

# SHIV 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  
ISO14644-3:2005

GB 50073-2013  
GB 50591-2010  
GMP  
YY0569-2005  
JJF 1815-2020

Biosafety cabinetry  
Cleanrooms and associated controlled environments-Part 3 :Test Methods  
Code for design of clean workshop  
Code For construction and acceptance of cleanroom  
Factory and device  
Biosafety Cabinet  
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

**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**

# PARAMETER



**CONTACT US**



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