

# Aerosol Photometer 3990



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GTI Aerosol Photometer 3990 is a technologically advanced and scientifically designed optical scatter linear digital aerosol photometer. It is a test instrument that must be used to test the integrity or leakage of high efficiency filters. (It is an essential tool that is used for HEPA filters leakage testing.) The structure is compact and convenient for carrying, and the operation and the setting can be completed by each friendly interface of the 5.6inch colorful touch display screen. The test data is more stable due to the aerosol noise suppression function. With built-in thermal printer and long-term thermal printing paper, the test data can be printed in real time.

### Key Features & Benefits



Synchronous display and operation of scanning probe and host, equipped with long cables and sampling tube (air pipe)



With aerosol noise suppression function and more stable test data.



Advanced technology, scientific design, compact structure and convenient for carrying

### Applications

- High Efficiency Filter Verification
- Pharmaceutical industry and electronic industry
- Bio-safety cabinet and clean bench
- Nuclear energy and fuel
- Medical operating room and cleanroom
- Food processing and scientific experiment

Model	3990
Data Display Range	0.0001~100.0%
Dynamic Range	0.0001µg/L~600µg/L
Accuracy	1% of Readings (0.01~100%)
Repeatability	0.5% of Readings (0.01~100%)
Flow Control	28.3L/min (1cfm) ±10%
Auto Zero	Create Zero Point
Alarm	Audible, visual and vibration alarms when exceeding limits
Reporting	Continuity, summary, monitoring
Printer	Built-in Thermal Printer
ID Code	One-dimensional code scanning, automatic classification and traceable
Output	USB
Aerosol Type	PAO, DOP, and etc.
Standards Compliance	NSF49, IEST, ISO14644, EN61010-1: 2010, EN61326--1:2006
Power	AC100 – 240V 50/60Hz
Dimensions	(300 x 155 x 370) mm
Weight	10.7kgs (Host)
What's included	Host, Scanning probe, Sampling tube, Operation Manual, Packing List, Certificate Report, Power Cable, Carrying Case.

### Innovative User Interface of Color Touch Screen and in Chinese-English

5.6inch color touch screen, rich options, reasonable design, easy to control. With testing, setup, zero-point reconstruction, about and other interfaces. The setup part includes the Reagent, Noise Suppression, Alarm Mode and Date & Time and etc.



### Multifunctional Scanning Probe

The scanning probe is connected with the host through a 4m cable. Even when it is far away from the host, various options can be set. The 1.8inch colorful display screen displays synchronously with the host. The scanning probe has the function of one-dimension code scanning, and the data can be automatic classified and traceable.



### Data Reporting

The built-in thermal printer is available to report the real-time test data with long-lasting thermal printing papers; The test data by USB, connected with our computer, can be transmitted and stored and made statistical analysis.



### Carrying Case

The GTI 3990 is equipped with a carrying protective box, which is convenient for transportation and movement. The internal scientific design, reasonable placement of related components, and durable protection of the GTI 3990.

