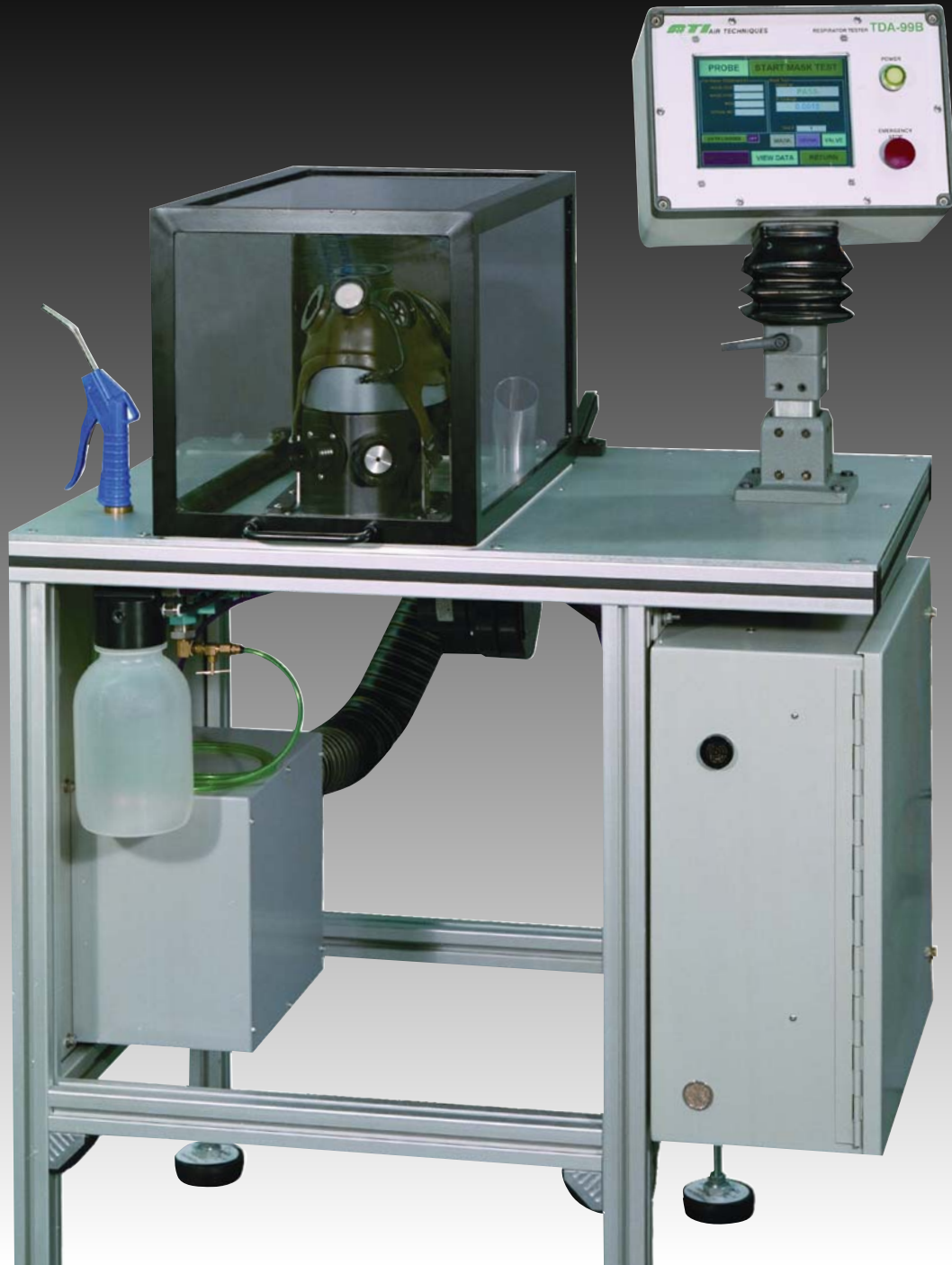




## TDA-99B Protective Mask Test System



**T**he TDA-99B Protective Mask Test System provides a broad range of testing functions for military and commercial masks and respirators. The system is very easy to use, with full data management capabilities. The modular design enables testing of virtually all protective masks and mask components to a wide variety of test standards. The TDA-99B is ideal for use in manufacturing plants, mask development laboratories, respiratory protection research institutions, mask storage depots, cleaning/repair facilities, and any other location where quality assurance testing of masks and respirators is required.

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## A great choice for production and development environments

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## Designed with the industry and user in mind

The TDA-99B was designed to replace the antiquated military M14, commercial TDA-104, TDA-2GNB and TDA-101 test systems that have been in widespread use for decades.

The basic system provides aerosol-based leakage testing of protective masks with or without a filter canister attached. Additionally, the leakage isolation test enables the user to locate leaks normally invisible to the naked eye so that repair vs. replacement decisions can be made.

The touch-screen user interface and processor-based control system provide maximum data management flexibility. The TDA-99B also includes a built-in aerosol purge and filtration system to eliminate the need for a fume hood.

In addition to the basic functionality, the TDA-99B can be custom configured to provide the following protective mask testing capabilities:

- Outlet Valve Test
- Drink Tube Flow Test
- Drink Tube Valve Test
- Drink Train Leak Test
- Hose Testing
- Extra Test Heads
- Mask Flexing

### Product specifications: TDA-99B protective Mask Test System

<b>AEROSOL GENERATION</b>	Pneumatic Nebulization Typically PAO-4 (DOP, DEHS Aerosols also available) Poly Dispersed 0.1 to 0.5µm
<b>AEROSOL DETECTION</b>	Solid State Photometer
<b>LEAK DETECTION</b>	0.0005 to 100%
<b>DATA OUTPUT</b>	RS-232 serial port
<b>DIMENSIONS</b>	76cm W x 92cm D x 132cm H (30" H x 36" W x 52" Deep) 68 Kg (150 lbs.)
<b>OPERATIONAL REQUIREMENTS</b>	Power: 100-250 VAC, 50/60 Hz Compressed Air: 85 lpm @ 483 kPa (3 SCFM @ 70 ± 10 PSIG)



### Service & Training @ ATI

OEM calibration, maintenance & repair

ATI Certified Operational, Service & Maintenance Training (ask for details)

Quality testing for HEPA filters & protective masks available at our ISO-9001 registered, NQA-1 & DOE audited Test Laboratory



**Air Techniques International**

11403 Cronridge Drive  
Owings Mills, Maryland 21117-2247  
USA

Tel 410.363.9696  
Fax 410.363.9695  
info@ATItest.com  
www.ATItest.com