

# We test, You produce

## F6900-EC

### VACUUM DECAY LEAK TEST MACHINE

**F6900-EC** is designed for Non-Destructive Integrity Testing of Containers and it is suitable for laboratory applications, statistical purposes as well as off-line testing. Its comprehensive specifications, including ATEQ's latest developments in vacuum decay technology and user-friendly interface, make it an extremely versatile instrument.

The Measurement System follows the approved industry standard "ASTM F2338-09 - Standard Test Method for Non-Destructive Detection of Leaks in Packages". The Test method is a Recognised Consensus Standard by the United States Food and Drug Administration (FDA), Center for Devices and Radiological Health (CDRH), effective March 31, 2006.

#### BENEFITS

- DUAL TRANSDUCER TECHNOLOGY
- SMALL TEST INNER VOLUME (LESS THAN 7ML)
- CUSTOMIZED TEST CHAMBER



#### Applications

Pharmaceutical, Liquid Forms, Ampoules,  
BFS, Bottles, Carpule...



# F6900-EC

## VACUUM DECAY LEAK TEST MACHINE

### Main Features

- Online or Offline
- ASTM F2338-09
- Stainless Steel
- Test Sensitivity(less than 1um)
- Differential Vacuum Decay
- Non-invasive and non-destructive test methods
- Cost-effective solution
- HMI Real Time display of Testing Cycle diagram

### Option

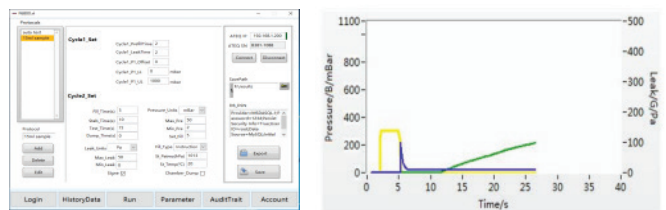
- Leak Flow calibrator
- Test Chamber
- Connectors

### Technical Specifications

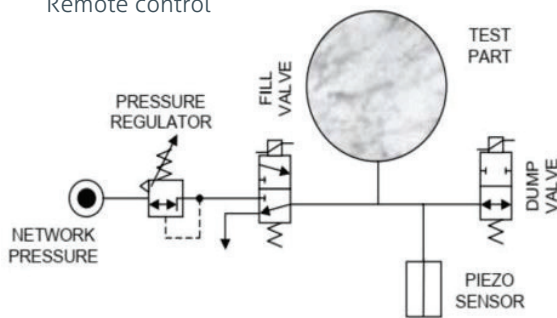
|                   |                                                                                                               |
|-------------------|---------------------------------------------------------------------------------------------------------------|
| Physical          | Weight: 24 Kg<br>(WxHxD) 450 x 550 x 356 mm                                                                   |
| Interface         | Graphic color screen with simple and intuitive menu-driven operator controls.                                 |
| Electrical supply | 100- 240 V AC / 50W                                                                                           |
| Air supply        | Test Pressure: Absolute 1Torr<br>Clean and dry air required<br>Air quality standard to be applied (ISO8573-1) |
| Temperature       | Operating: + 0°C at + 45°C<br>Storage: 0°C at + 60°C                                                          |

### Display

- Graphic color screen with simple and intuitive menu driven operator controls.



TLC 60  
Remote control



|                                 |                                                                 |
|---------------------------------|-----------------------------------------------------------------|
| Application                     | "Pharmaceutical, Liquid Forms, Ampoules, BFS, Bottles, Carpule" |
| Inspection Method               | Automated inline                                                |
| Package Type                    | Pouches and flexible packaging, stick packs                     |
| Package Material & Combinations | Foil, plastic, poly, film, aluminum                             |
| Test System                     | Dual transducer technology                                      |
| Test Method                     | Differential Vacuum Decay                                       |
| Test Sensitivity                | 0.01 ccm (approximate hole size 1 micron)                       |
| Test Results/Resolution         | Pass/Fail Result in mBar and Pascal units                       |
| Security Password               | Yes                                                             |
| Remove Internet Access          | Yes                                                             |
| Data Collection                 | View on touch screen and electronic                             |

