



Air Leak Tester

MODEL AL-800D

The AL-800D is a low-pressure differential pressure (DP) Air Leak Tester developed in accordance with industry standards for gas industry. This instrument applies a high-sensitivity DP sensor, a color LCD display, and English interface.

It boasts advantages such as compact size, accurate testing, simple operation, and rapid response. It is suitable for online product testing, and also for use with other equipment.

Features

- 3.5inch LCD screen English Operation Interface
- DP Sensor: Highly Sensitive & Small Volume
- Independent Parameter Settings via 99 Channels
- Simple & Small Volume Air Circuit Structure
- Multiple Units: ml/min, Pa/s
- 9999 Sets of Storage (exportable via USB)



Applications



Gas Appliances:

Gas stoves, bellows, pressure regulating valves, and stopcocks, stoves, etc.



Others:

Carburetors, motorcycle engines, car water bottles, washer pumps, medical products, food packaging, waterproof motors, vehicle lights, etc.



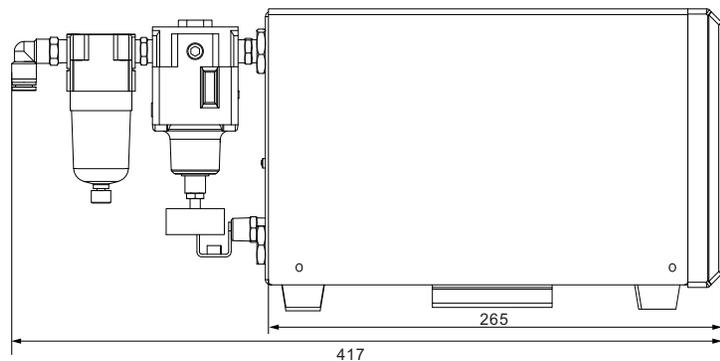
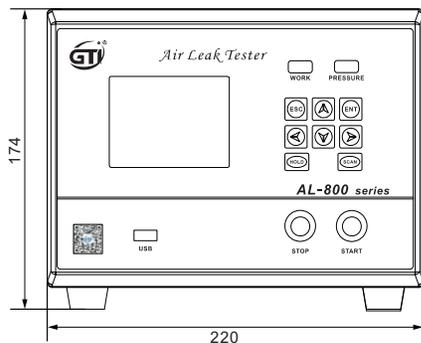
General Specifications

Weight	Approx. 9kg
Operation Temperature	5 ~ 40°C
Humidity	< 90% RH (no condensation)
Pressure Source	Dry, clean compressed air with a pressure \geq 0.2MPa and a fluctuation range not exceeding \pm 0.01MPa
Interface size	G 1/4"
Power Source	AC 100 ~ 220V \pm 10%, 50Hz
Dimensions (L×W×H)	Approx. 200×175×280 mm (The height will be 420 after adding a pressure regulating valve and a filter)

Technical Specifications

Testing Pressure	(3 ~ 50) kPa	
Resolution	1 Pa or 0.001ml/min	
Differential Pressure	Accuracy	\pm 0.5% FS
	Display Range	(-999 ~ +999) Pa
	Sensor Proof Pressure	2 MPa
Pressure	Use Range	(3.0 ~ 50.0) kPa
	Resolution	0.1 kPa
Flow	Workpiece Volume	< 9.999L
	Test Range	(-9.999 ~ +9.999) ml/min
Time	Setting Range	(0 ~ 99.9) s
	Resolution	0.1s
Parameter Settings	Channel, pressurization time, balancing time, testing time, workpiece volume, upper pressure limit, lower pressure limit, workpiece limit, reference limit, zeroing coefficient	
Channel Storage	99 Channels	
Data storage	9,999 sets of storage, exportable via USB	
Input Channels	10 Channels	
Output Channels	14 Channels	
Communication	RS232 / RS485	
Bubble Function	Continuous inflation for leak detection	
Judgment Limit	Set by pressure of test results	

Product Size Example (Unit: mm)



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