



## BATTERY PACK AIR TIGHTNESS TESTER

### Application

It is specially designed for the after-sales service market of new energy vehicles and fits for the waterproof and air tightness testing of components such as water-cooled pipes, battery packs, and spare parts of new energy vehicles. It is portable and versatile and can perform high-precision non-destructive testing, calculate pressure changes through the tester's highly sensitive sensing system, and thus determining the air tightness of the product.

## Advantages

- 1 It can achieve full-scale accuracy of 0.02%FS, which is suitable for more demanding and accurate scenarios and applications.
- 2 Android + capacitive screen, 16GB memory, 10-inch capacitive screen and more intelligent control.
- 3 It can automatically adjust the pressure. Once target pressure value is input, and the pressure adjustment accuracy is within  $\pm 200\text{Pa}$  and truly accurate automatic pressure adjustment can be realized.
- 4 Magnetic detection interface and more stable strong magnetic structure can withstand a pressure of 600KPa.
- 5 Multiple communication interfaces, e.g. built-in RS232 serial port, USB communication interface, can support a variety of communication protocols.

## Parameters

Item	Parameter
Test range	Low pressure 0-10KPa, high pressure 0-500KPa
Resolution	1Pa
Measurement accuracy	0.1%FS for low pressure and high pressure
Measurement medium	Filtered dry air
Consistency	Deviation $\leq$ 0.02%FS
Overvoltage protection	Yes
Measurement time	Adjustable in 0-999s
Power supply	AC230V, 50Hz
Test gas	Compressed air 0.5-0.7MPa
Historical records	10,000 pieces
Protection class	IP41