



**iSmartEV ET30**



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## Battery Pack Airtightness Detector (Low Voltage)



A type of high-precision nondestructive testing equipment, which mainly uses compressed air as medium to exert certain pressure on the inner cavity or outer surface of the product to be tested, and then uses high-sensitivity sensors to detect the change of pressure, so as to determine the sealing performance of the product to be tested.



**High Reliability**



**Ultrahigh Precision**



**Stable Voltage Regulation**



**Intelligent Operation**

## Features

### ■ High Sensitivity

High sensitivity pressure sensing, greatly improve the test accuracy and stability.

### ■ Process Visualization

The progress time of each stage in the testing process can be displayed.

### ■ Double Display of Pressure Value

Real-time display on pressure dial and process pressure curve display.

### ■ Parameter Management

The test parameters of standard parts can be preset, and it is convenient and quick to call and use directly.

### ■ Parameter Setting

Parameters such as workpiece number, volume, pressure, time of each stage and leakage limit can be preset.

### ■ Intelligent Alarm

When the test is abnormal or fails, it will give an audible and visual alarm, which is safe and worry-free.

Parameters			
Power input	AC90V~264V/40~60Hz	Power	20W Max
Test Pressure Range	0~30Kpa	Air Source Requirements	0.1~1.0 Mpa Dry Compressed air
Sensor Resolution	1Pa	Air Inlet Interface/Test Interface	φ6 mm air pipe
Test accuracy	±5pa	Working Temperature	-10°~ 55°C
Communication interface	RS-232 / USB	Working Humidity	10%~ 90%