



ET30

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EV Battery Airtightness Detector



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ET30 is a professional air-tightness detection equipment designed for EV battery packs.



High Reliability



Ultra High Accuracy



Stability Pressure Regulation



Intelligent Operation



Features

1. High sensitivity pressure sensing for precise and stable testing accuracy;
2. Real-time display of pressure curve during the testing process for clear monitoring;
3. Alert notifications for testing anomalies or failures;
4. Real-time display of working status during stages like inflation, pressure stabilization, leakage, and exhaust, providing visual process tracking.

Functions

- 1. Low-pressure airtightness testing:** Using compressed air as the medium, a certain pressure is applied to the battery pack cavity, and a highly sensitive sensor detects pressure changes to determine its sealing integrity;
- 2. Parameter configuration:** Pre-settable parameters include workpiece number, volume, pressure, duration for each stage, leakage limit, and other settings;
- 3. Dual pressure display:** Real-time display of current pressure and leakage fluctuation;
- 4. Testing history:** Automatically saves testing history records, supports detailed data presentation in the form of graphs;
- 5. Multi-language support:** Supports various languages including Simplified Chinese, Traditional Chinese, English, German, French, Japanese, Spanish, Portuguese, Italian, and more.

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	AirInlet Interface / Test Interface	φ6 mm air pipe
Test accuracy	±5pa	Working Temperature	-10~ 55°C
Communication interface	RS-232 / USB	Working Humidity	10%~ 90%