

On-Site Door and Window Airtightness Tester

This on-site tester measures the airtight and watertight performance of installed doors and windows. It classifies their performance based on testing.



Product Overview

Professional On-Site Airtightness Testing

This high-precision testing system is engineered for the on-site evaluation of airtightness, watertightness, and wind pressure resistance of installed doors and windows. Designed for portability, the unit features a lightweight, retractable alloy bracket system and a robust, corrosion-resistant chassis for field durability. With advanced inverter-based signal control and automated software capabilities, it provides reliable, quantitative performance data essential for building energy efficiency assessments and quality control.

Technical Specifications

Pressure Measurement Range	-700 Pa
Pressure Accuracy	0.2 %
Maximum Airflow	318 m3/h

Electrical & Operational

Voltage/Power	AC220V 2kW
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Compliance

Applicable Standards

- JGJ / T 132-2009 Residential Building Energy Conservation Testing Standard
- JG / T 211-2007 Site construction method for airtightness/watertightness
- GB / T 7106-2008 Building exterior window performance classification

Certifications	CE, ISO 9001:2000, SGS
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Performance Metrics

Key Performance Indicators

0.2 % Air Flow Accuracy	300 Pa Pressure Differential Range
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