

Air Conditioner Performance Testing System

This automated testing system evaluates the performance of commercial air conditioning units. It features multiple testing stations with integrated control panels and display screens for monitoring test parameters.



ADDITIONAL IMAGES



System Overview

Automated Performance Testing System

This advanced performance testing system is designed for the comprehensive evaluation of commercial air conditioning outdoor units. It features an integrated control cabinet, computer-driven software, and laser barcode scanning for streamlined operation. The system provides real-time monitoring and precise measurement of critical performance parameters, ensuring high-quality output for manufacturing and research environments.

Equipment Components

- Main control cabinet
- Industrial computer system
- Laser barcode scanner
- UPS power supply

Applicable Models

5-20P commercial air conditioner outdoor units

Measurement Capabilities

Temperature Detection

-15 °C

Min Range

150 °C

Max Range

0.5 °C

Accuracy

Pressure Detection

6 MPa

Max Range

0.005 Ratio

Accuracy

Electrical Testing Parameters

Parameter	Range	Accuracy
Single Phase Current	0-45 A	0.1 A
Total Power	0-30000 W	5 ‰

Technical Standards

Electrical Component Quality

Schneider • Siemens • ABB

Operating System

Windows 7, Windows 10