






# ECP739

## Electric Compressor Comprehensive Tester



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The ECP739 electric compressor comprehensive tester is a highly cost-effective device that supports both electric-compressor drive-circuit testing and mechanical-function testing.

-  Supports drive circuit testing, mechanical function testing (pressurizing/pressure holding)
-  Offline testing saves labor and improves reliability
-  Supports wireless connection to tablets for remote operation
-  Compressor testing coverage of 900+ models
-  Supports fault code repair guidance and viewing of maintenance cases



### Features

- Up to over 900 electric compressor drive data entries, covering the most brands and continuously updated;
- Supports electric compressor circuit testing and mechanical function testing (pressure/pressure holding), ensuring effective maintenance and testing;
- Supports electric compressor fault code repair guidance, and real-time online viewing of maintenance case circuit diagrams.

### Functions

- Comprehensive airtightness testing:** Supports electric compressor circuit testing and mechanical function testing (pressure/pressure holding), effectively improving maintenance testing efficiency.
- Repair guidance:** Provides specific repair instructions for compressor fault codes, with real-time online access to corresponding maintenance cases and circuit diagrams.
- Tablet Wireless Connection:** Allows users to operate the device remotely, especially ideal for scenarios where the device is fixed in place or not easily accessible.
- Real-time process visualization:** Displays the operational status of pressurizing, holding pressure, venting, and other stages in real time, ensuring a clear and controllable workflow.
- One-click intelligent process:** The entire process is executed automatically, covering pressurization, pressure stabilization, and judgment steps. After the pressure reaches the target, it automatically stabilizes the pressure and releases the gas, making the operation more intelligent and convenient.
- Historical data management and sharing:** Automatically saves test results and supports sharing PDF-format historical data summaries via bluetooth, email, or QR code.
- Convenient online upgrades:** Supports online software updates without the need for USB-based local operations, enabling more efficient maintenance.

### Parameters

Input voltage	AC 90~264V, 50~60Hz	Low-voltage output current	2A
Maximum input power	3.5KW TYP	Gas tank capacity	3L
High-voltage output voltage	DC 50-750V	Equipment air pressure	12kgf/cm <sup>2</sup>
High-voltage output current	20A Max	Communication methods	WIFI + Bluetooth
Low-voltage output voltage	DC 12V/24V	Protection function	0-40A adjustable circuit breaker

Work environment

Operating temperature: -10~50°C, storage temperature: -20~70°C  
Operating humidity: 20%~90%, Storage humidity: 10%~90%