

AUTEL MAXIHVAC AC909 ADVANCED A/C DIAGNOSTIC SYSTEM

STOP GUESSING. START DIAGNOSING.



P/N: AC909D

ADDITIONAL ITEMS INCLUDED:

- AC Hose 1/4 Hose Gaskets
- Vacuum Hose
- Vacuum Pump 3/8 Hose Gaskets
- R134a Service Coupling (Red/Blue)
- Nitrogen Regulator
- R1234yf Service Coupling (Red/Blue)
- 45 & 90 Degree Fittings
- R134a and R1234yf Adapters
- Refrigerant Hose

Refrigerant
Scale



Bluetooth
Temperature Clamps



Bluetooth
Temperature &
Humidity Probes

YESTERDAY'S A/C IS TODAY'S THERMAL MANAGEMENT SYSTEM

For decades, automotive A/C service has revolved around the same routine: recover, recycle, recharge, and hope the problem is fixed. But today's vehicles are built around intelligent thermal management. The Autel MaxiHVAC AC909 brings leak testing, refrigerant service, and live vehicle diagnostics together in one intelligent workflow—giving technicians complete system visibility to diagnose, repair, and verify with confidence. Instead of relying on pressures

alone, the AC909 delivers visual analysis of the entire thermal management system by combining refrigerant data with vehicle diagnostics, airflow, temperature, electrical, and sensor information. By identifying the root cause before refrigerant is removed or components are replaced, technicians can reduce guesswork, avoid unnecessary repairs, and confidently verify every repair before returning the vehicle to the customer.



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LIVE MICRON-LEVEL DATA

VACUUM BECOMES DIAGNOSTIC DATA

The included Bluetooth-enabled NAVAC® Smart Vacuum Pump and digital micron gauge stream live measurements directly into the AC909 tablet and workflow, allowing technicians to verify moisture removal rather than rely on evacuation time alone. Live micron readings and automated decay testing turn vacuum into measurable diagnostic data, creating a more precise, documented evacuation process based on proven commercial HVAC practices.

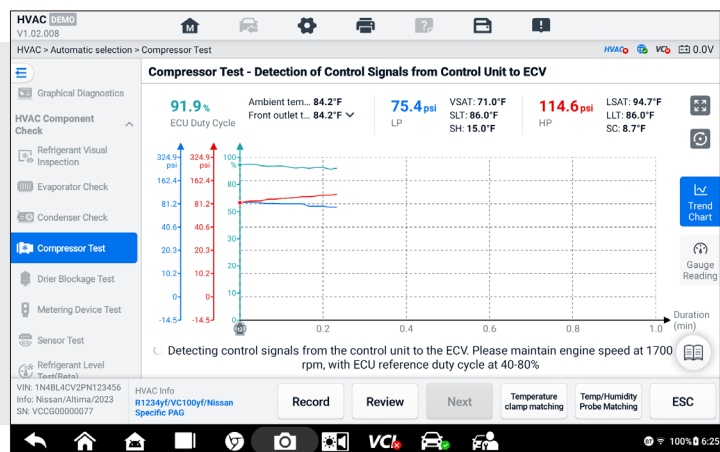
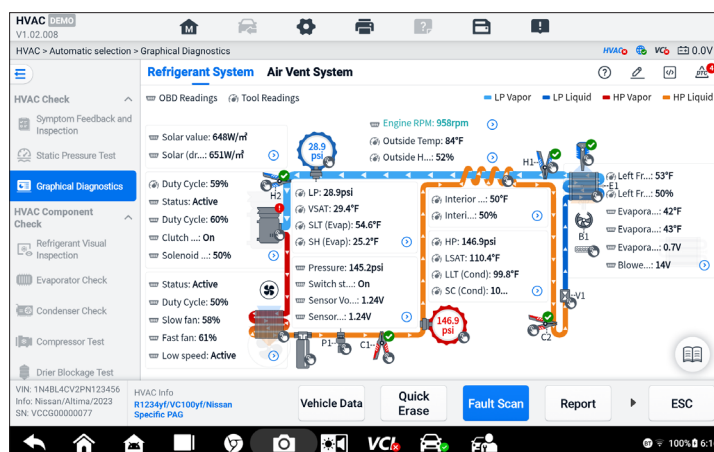


COMPLETE SYSTEM VISIBILITY

Graphical diagnostics: multiple input fusion combines live refrigerant pressures, temperatures, humidity, and system measurements into a single analysis screen, providing a complete view of the vehicle's thermal management system.

ONE INTELLIGENT WORKFLOW

Connect leak testing, refrigerant service, and live vehicle diagnostics in one guided workflow designed to reduce guesswork and improve first-time fix rates.



GUIDED DIAGNOSTICS

Illustrated, step-by-step procedures combine commercial HVAC diagnostic principles with automotive repair to help technicians quickly isolate faults and verify repairs.

ADVANCED COMPONENT TESTING

Perform dedicated compressor, evaporator, condenser, metering device, and blockage diagnostics to pinpoint component failures with confidence.

VERIFY BEFORE YOU CHARGE

Confirm system tightness, moisture removal, and refrigerant charge using integrated nitrogen testing, precision micron measurement, and live system verification.

BUILT FOR MODERN THERMAL MANAGEMENT

Designed for today's electronically controlled A/C systems, hybrids, EVs, advanced heat pumps, and evolving refrigerant technologies.

