



AC System Test Bench



- Systems with R134a, R1234YF, R744 and other refrigerant Blends.
- Developmental and validation Testing.
- Capability to use actual In-Vehicle fluid transport system.
- Real time control and measurement of oil in circulation.

- Single and Multi Zone configuration.
- HVAC Module and blower controls.
- Under hood, wind and passenger cabin simulation.



- Use of AMCA nozzles for airflow measurements.
- Condenser setup to simulate front grill effects.

- Automatic control, stability and monitoring of test parameters.
- Real-time test control and data acquisition Software.
- $\leq 2\%$ Heat Balance between airside and refrigerant side.
- $\pm 1\%$ repeatability of test results.

