

ADLEMA

ADVANCED LEAK TESTING MACHINES



SMART, FAST, PRECISE LEAK TESTS FOR AUTOMOTIVE INDUSTRY

A standard automobile consists of more than 30,000 parts. From the largest parts such as engine blocks or fuel tanks to tiny bolts and nuts made of various materials in different sizes and shapes. For a machine like an automobile to function properly and safely, many of its internal parts must have sealing properties. It is problematic for safety and functionality if the engine block or fuel hose leaks. Therefore, leak tests of all products produced must be performed during the production phase. However, in industries with high-volume production such as the automotive sector, leak tests of produced products cannot be performed with traditional methods. Speed and accuracy are two criteria that should never be compromised. Leak tests, which are a non-destructive testing method (NDT), can be applied to all products that come out of your production line, are fast, and leave no room for errors. With ADLEMA BT4000 Series Advanced Leak Testing Devices, you can perform leak tests according to your production needs.

MOTOR PARTS

- Bearing Leak Tests
- Piston Leak and Volume Tests
- Cylinder Block Leak Tests
- Cylinder Head Leak Tests
- Cylinder Sleeve Leak Tests
- Engine Block Leak Tests
- Engine Gasket Leak Tests

INTAKE AND EXHAUST SYSTEMS

- Exhaust Pipe Leak Test
- Air Filter Flow Test
- EGR Lines Leak Test
- Exhaust Manifold Leak Test
- Pressure Limit Valve Leak, Flow, and Function Tests
- PCF Valve Leak Test
- Valves and Valve Guide Seals Leak Test
- Carburetor Leak Test
- Intercooler Leak Test
- Rubber Hoses Leak Test
- Diesel Filter Flow Test
- Intake Manifold Leak Test
- Intake Line Leak Test
- Catalytic Converter Leak Test
- Muffler Flow and Leak Tests

BODY COMPONENTS

- Coolant Reservoir Leak Test
- Battery Leak Test
- Tire/Air Valve Leak Test
- ECU (Electronic Control Unit) Leak Test
- Vehicle Headlight Leak Test
- Vehicle Headlight Housing Leak Test
- Horn Leak Test

- Fuel Cap Leak Test
- Injection Valve Leak Test
- Engine Combustion Chamber Leak and Volume Tests
- Fuel Hose Leak Tests
- Valve Leak Test
- Fuel Injector Leak and Flow Tests
- Fuel Tank Leak Test
- Fuel Tank Cap Leak Test
- Fuel Line Leak Test
- Fuel Pump Leak and Flow Tests
- Fuel Pump Control Valve Leak Test
- Manifold Leak Test
- Vent Valve Leak Test

FUEL SYSTEM COMPONENTS

- Radiator Hose Leak Test
- Air Compressor Leak Test
- A/C Hose Leak Tests
- Evaporator Leak Test
- Condenser Leak Test
- Intercooler Leak Tests
- Water Line Leak Tests
- Circulation Pump Leak Tests
- Oil Cooler System Leak Tests
- Thermostat Leak Tests
- Radiator Leak Tests

COOLING AND A/C SYSTEMS

- Brake Rotor Leak Test
- Brake Lines Leak Test
- ABS Brake Lines Leak Test
- Brake Caliper and Joints Leak Test
- Brake System Leak and Pressure Tests

BRAKE SYSTEM