

Automotive Testing

ATS performs a wide range of physical, environmental, and chemical testing on automotive interior assemblies, exterior trim, as well as suspension, brake and engine components. From pre-production to product performance testing, we have the experience to assist with automotive testing needs. ATS' scope of automotive testing ensures compliance with manufacturers and OEMs requirements.



AUTOMOTIVE TESTING



ATS' goal is to provide a one-stop shop to meet the testing requirements of automotive companies, and perform failure analysis in the event it occurs. Our team is highly qualified and our automotive testing lab is equipped with the latest and most advanced equipment.

Since our founding in 1967, ATS has established an excellent reputation with business, industry, and the legal profession. ATS can take a closer look for you to help find the technical answers and solutions you need.

For more information please visit: <http://www.atslab.com/automotive-testing/>, contact us at customerservice@atslab.com or call us: 888-287-5227.

WWW.ATSLAB.COM
1-888-287-5227



TEST SPECIFICATIONS/GROUP STANDARDS FOR:

- BMW
- Chrysler
- Daimler/Mercedes
- Ford
- General Motors
- Honda
- Hyundai
- Kia
- Mitsubishi
- Nissan
- Subaru
- Toyota
- Volkswagen
- Volvo

PAINTS AND COATING EVALUATIONS

- Chemical Resistance
- Chip Resistance
- Color/Gloss Analysis
- Impact Resistance
- Adhesion
- Abrasion Resistance



ENVIRONMENTAL CONDITIONS

- Accelerated Weathering (Xenon, UV Exposure)
- Lightfastness
- Temperature and Humidity Cycling
- Cyclic Corrosion
- Salt Fog/Spray

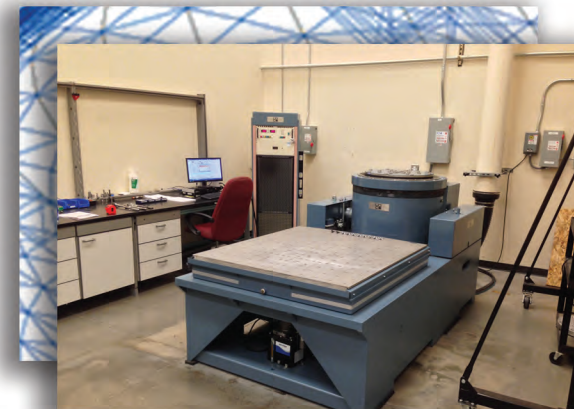


EMISSIONS

- Fogging
- Formaldehyde Emissions
- Odor Testing
- Total Emissions
- Bag and Chamber Testing

POLYMER/PLASTIC MECHANICAL TESTING

- Flexural Strength/Modulus of Elasticity
- Tensile Strength/Yield Stress
- Impact Resistance
- Dimensional Stability (VICAT)



MATERIALS TESTING

- Density
- Melting Temperature
- Ignition Residue/Ash Content
- FTIR
- Glass Fiber Content

VIBRATION TESTING

- Sinusoidal, Random, Random-on-Random
- Classic Shock and SRS
- Time Waveform Replication (TWR)
- Field Data Acquisition and Analysis
- Combined Temperature and Vibration Environment



OTHER TESTING

- Thermal Shock
- Flammability
- Durability Testing
- IP - Ingression Protection (water, dust, solids)
- Operational/Mechanical Cycle Testing