



Pleasant Journeys for All

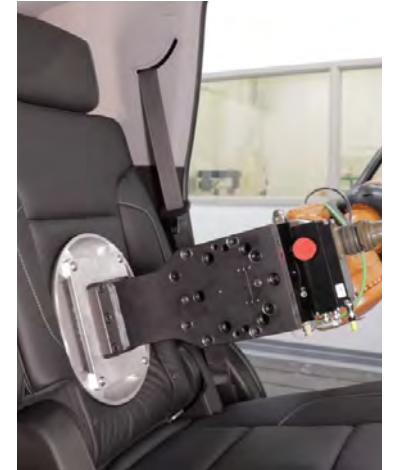
Automotive Comfort Test Lab



Automotive comfort begins and ends with a passenger’s experience. At The Woodbridge Group® that comfort is defined through a combination of static and dynamic factors.

Our environmentally controlled labs conduct industry standard material analysis and comfort testing on foam pads, interior components, and fully trimmed seats in or out of the vehicle.

We work closely with customers to provide a complete comfort test service, utilizing 30 years of polyurethane seating expertise to deliver design and manufacturing solutions that enhance the end-consumers comfort experience.



Advantages

- Basic Testing
 - o Seats and material
- Advanced Robotic Testing
 - o In-vehicle testing comfort, ingress egress, and durability
- Benchmarking
- Test development
- Comfort Analysis
- Test simulation and predictive Analysis
- Environmentally controlled
- Global Support



To learn more about our lab, go to: woodbridgegroup.com/services/automotive-seating-test-lab



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ComfortLAB™
The Science of Comfort

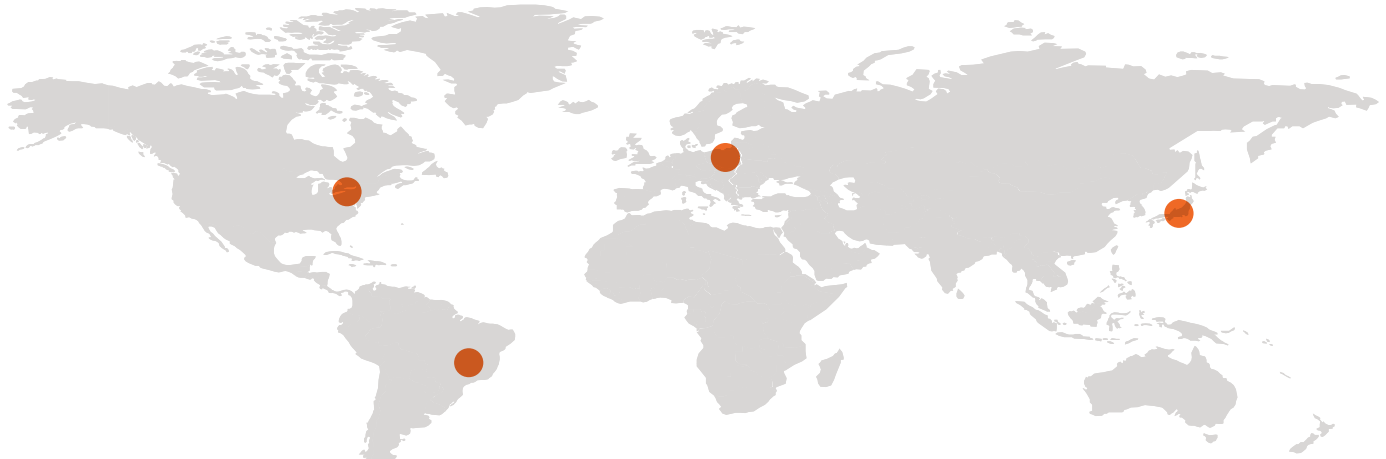
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Comfort Test Capabilities

	Foam	Foam & Seat	Seat	Other
Basic	<ul style="list-style-type: none"> • Density • Thickness • Tension • Weight 	<ul style="list-style-type: none"> • Hardness • Resiliency • Stiffness 	<ul style="list-style-type: none"> • Hardness Distribution • Initial Softness • H-Point • Subjective Analysis 	<ul style="list-style-type: none"> • Lateral Containment
Advanced	<ul style="list-style-type: none"> • Dynamic Fatigue 	<ul style="list-style-type: none"> • Damping • Vibration 	<ul style="list-style-type: none"> • Body Pressure Distribution • Jounce Durability • Ingress / Egress • Creep 	<ul style="list-style-type: none"> • Custom Testing • Microclimate • 3D Laser Scanning • In-Vehicle Robot

Global Comfort Test Facilities



Troy, United States

Advanced / Robotic
Static, dynamic,
comfort and robot

Betim, Brazil

Standard static and
comfort

Mlada, Czech Republic

Standard static and Dynamic

Tokyo, Japan

Basic IFD Machine



Robotic In-Vehicle Testing



H Point



Body pressure distribution



3D Scan



Vibration Tester



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