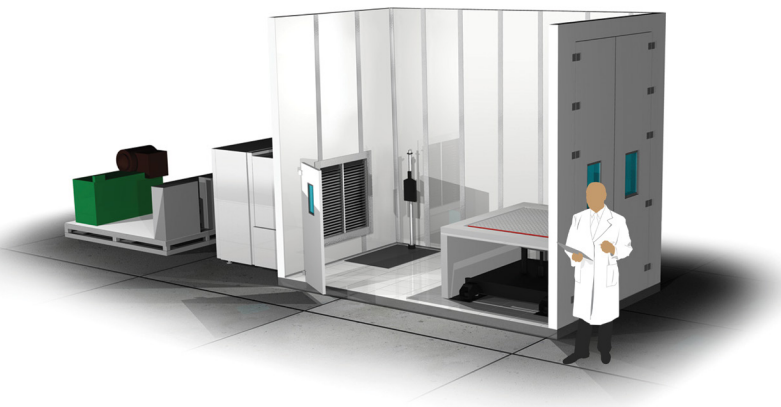


5 HAZARD SIMULATION TESTING SAVES YOU TIME AND MONEY. GUARANTEED.

The Advantage Transport Simulation Laboratory™



The First Multi-Modal Laboratory To Concurrently Simulate 5 Environmental Hazards:

- Temperature • Humidity • Pressure • Vibration • Shock

SPECIFICATIONS	
Temperature	-35°C to 60°C +/- 1°C
Humidity	80-90% RH +/- 5% RH @ 10°C 45-95% RH +/- 5% RH @ 20°C 20-95% RH +/- 5% RH @ 40°C 10-95% RH +/- 5% RH @ 60°C
Pressure	7.5 psia to 14.7 psia
Vibration	All Standard ISTA and ASTM profiles along with customized client-required profiles are available with 3500 lbs. max load
Shock	All ISTA and ASTM free-fall drop tests limited to 100 lbs.
Dimensions	Footprint 63" X 63" Max Width 83" Max Height 86" Max

Ensure Product Safety from Origin to Destination

Regulatory expectations are driving leading companies to incorporate transport simulation into both their development and stability programs. Our proprietary approach enables the study of concurrent transport stresses on your drug product. Your product is exposed to not only temperature and humidity hazards, but also pressure, shock, and vibration.

Simulated transport studies are an industry-recognized best practice and use valuable techniques in determining the physical stability of drug products. Transport simulation exposes the product to the concurrent combination of environmental hazards. Unlike ASTM (American Section of the International Association for Testing Materials) based sequential testing, the hazards are applied concurrently and reflect the same intensity and duration customized to your supply chain.

Product formulation and development is costly and complex. Partner with Modality Solutions for cost-effective simulation testing. We'll get you the results you need to gain confidence in your cold chain. Guaranteed.



Biologics and Vaccines

Shock and vibration events, in conjunction with temperature have been shown to generate sub-visible particles and inactivate vaccines.



Diagnostics

Reliable results from diagnostics assume the stability of the indicator and are highly susceptible to damage from multiple hazards in the supply chain.



Solid Oral Formulations

While usually thought of as the most physically stable of all pharmaceutical preparations, uncoated tablets can lose pharmaceutical elegance.



Combination Medical Devices

While a combination medical device is convenient for patients, the transport can threaten the integrity of your device, effect dosing or render it defective.

Call (214) 919-4629 Or Email Info@Modality-Solutions.com To Schedule Your Free One-Hour, No Obligation Consultation.

Download our Drug Product Formulation Testing White Paper.

DOWNLOAD