

Vibration Isolation Design Service

Advanced modeling and vibration testing solutions

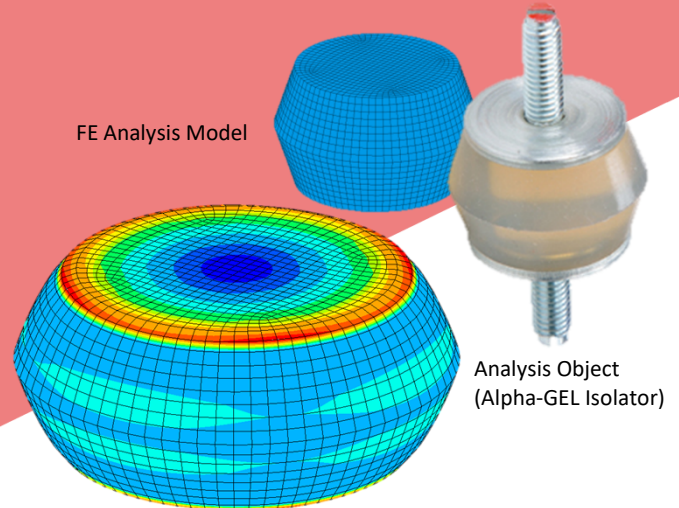
Vibration isolation design is significantly important to maintain product quality and durability in all major industries. By using vibration testing and simulation technology we can help you understand your product's behavior and design effective vibration isolation according to your needs.

Vibration Tests

Measure product vibration using vibration isolation designs or detailed numerical simulations.

- Standard tests such as ISO and ASTM
- Creation of test jigs if necessary
- Report Items
 - Detailed documentation
 - Measurement data (*.csv)
- Other Options
 - Photos and movies
 - Live broadcast by webcam

FE Analysis Model

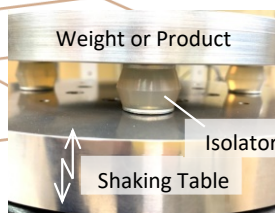
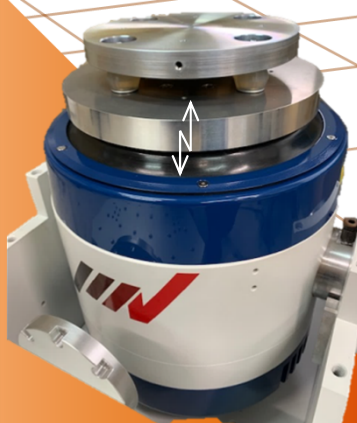


Deformation Analysis Results of Alpha-GEL Viscoelastic Material.

Modeling and Nonlinear Finite Element (FE) Simulations

Propose effective vibration isolation solutions at an early stage.

- Vibration isolation modeling for customer's product.
- FE simulation can be predicted even without a real product or prototypes.
- Estimation of 3-D-vibration considering center of gravity imbalance.
- Proposing vibration isolation solutions according to customer requests based on FE analysis results.

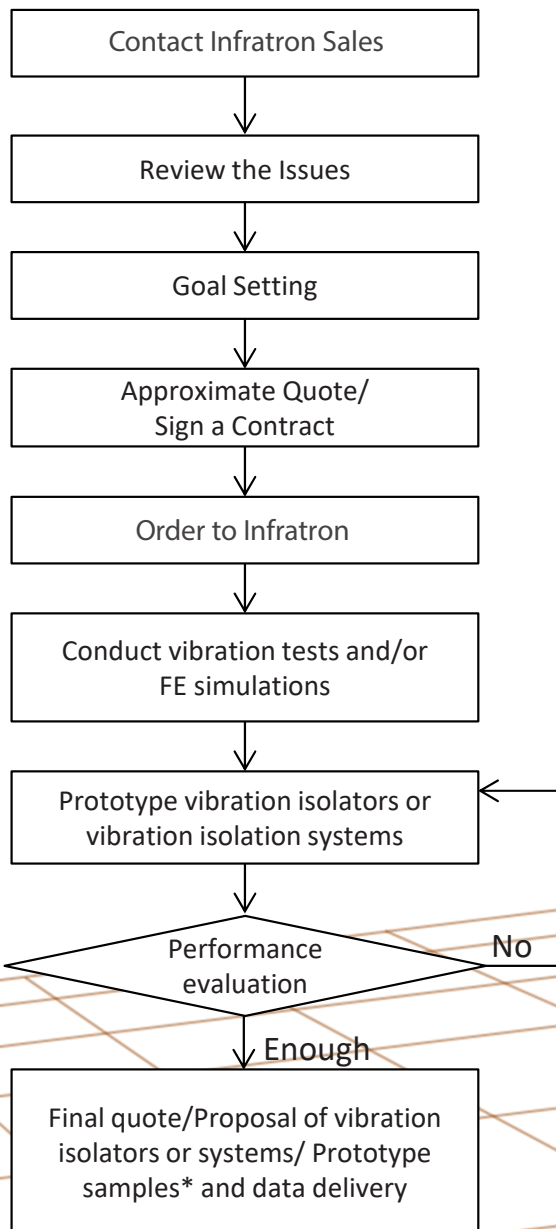


Vibration Shaker
Max. Loading Mass ; 100kg

For additional information please visit www.infratron.de

Flow of Service

Understanding your goals is critical, in getting the right results. Therefore, we would like to consult with your first, before offering a customized solution for your problem.



*If mass production is needed, please contact us separately.

Simulation Case Study

