



10 Cook Street

Billerica, MA

Web: QES.com

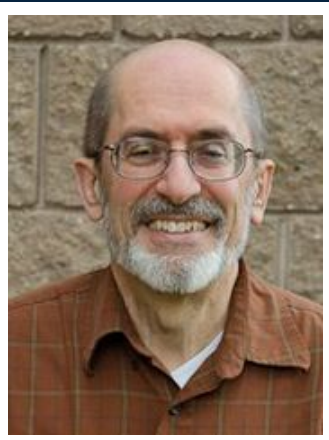
Email: info@QES.com

Phone: 978-667-7000

Presenters

Our team is dedicated to helping you find the testing that will best suit your needs.

Presenters



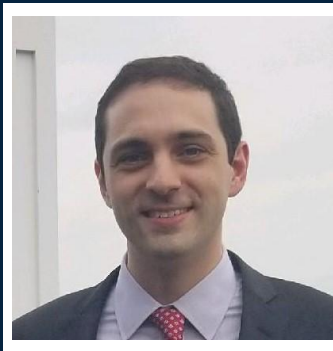
Herman Held

Owner, Founder, President



Gene Ungvarsky

Sales/Marketing



Omar Qashat

VP of Sales/Marketing



Katie Furgalack

Sales/Engineering

Our History

Let's start at the beginning...

History

- In 1990, a new business unit called Quest Engineering Solutions was established within Honeywell and began providing testing services to outside companies.
- In 1995, we spun out from Honeywell and incorporated Quest Engineering Solutions as an independent company.
- Quest has a very broad and satisfied customer base from a wide range of industries, including commercial business, medical, and military.
- While Quest has made, and continues to make, numerous enhancements to its service offerings, Quest has maintained its focus as an engineering services company, specializing in mechanical, thermal and related testing services.

30 years

Of experience in quality testing services.

Services

A comprehensive list of our specialties.

Our Services

- Application Analysis and Recommendation of Test Specs
- Competitive Product Evaluation
- Test Protocol Authorship and Review
- Engineering Evaluation Testing
- Project Management of Complex Projects Involving Multiple Test Labs
- Qualification Testing
- Reliability Enhancement



■ State-of-the-Art Testing

- Vibration
- Shipping Shock/Vibration
- Temperature/Humidity
- Medical Packaging Validation
- Airflow
- Audio
- Intrusion Protection
- Salt Spray
- Altitude
- ... and more!

Vibration Testing

Multiple Shakers to Perform:

- Sinusoidal Vibration
- Random Vibration
- Shock
- Complex Waveforms

Test Standards Include:

- ASTM
- IEC
- ISTA
- MIL-STD



Shipping Shock & Vibration

Tests Include:

- Repetitive Shock
- Drop
- Horizontal Impact

Test Standards Include:

- ASTM
- EIA
- IEC
- ISO
- ISTA
- MIL STD



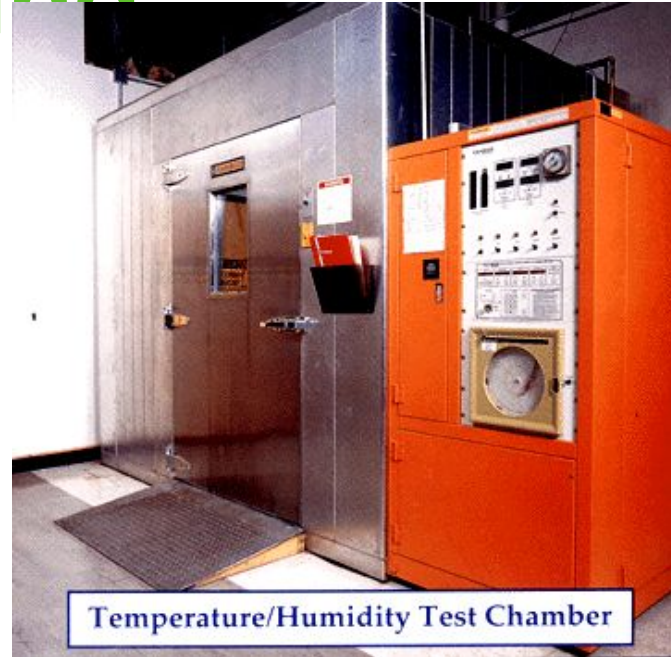
Temperature & Humidity Testing

Chamber sizes, capabilities and capacity to meet your needs:

- Large Walk-In Chambers
- Multiple Smaller Chambers

All Types of Temp/Humidity Tests:

- Operational Environments
- Storage Environments
- Thermal Shock

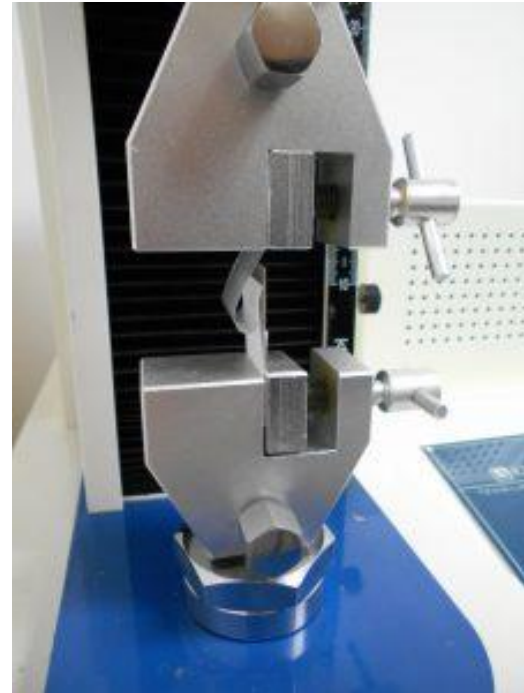


Temperature/Humidity Test Chamber

Medical Packaging Validation

Our Capabilities Include:

- ASTM D4169: Shipping Simulation Tests
- ASTM F88: Seal Strength (Peel Test)
- ASTM F1140: Burst Test (Unrestrained)
- ASTM F1886: Visual Inspection
- ASTM F1929: Dye Penetration
- ASTM F2054: Burst Test (Restrained)
- ASTM F2096: Bubble Test
- Accelerated & Real-Time Aging



Airflow Testing

Typical Applications:

- Aerospace
- Automotive
- Commercial/Computer

Typical Tests Include:

- System Impedance Curves
- Fan/Blower Performance Curves
- Overall System Stability and Reliability
- Velocity/Throw Curves



Acoustic Testing

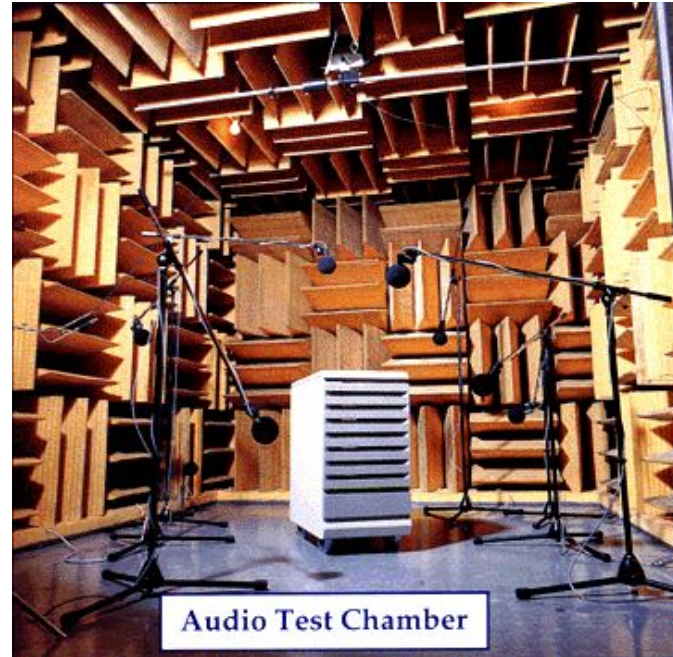
Hemi-anechoic Test Chamber

- Sound Pressure
- Sound Power

Typical Test Standards:

- ISO 7779
- ANSI S12.10

Medical Alarm Testing



Other Test Services

- Intrusion Protection
- Salt Spray
- Altitude

Project Management of Testing/Analysis, Including:

- EMI
- Product Safety
- Computer Simulation of Product Testing

THANKS!

Any questions?

Contact us at [QES.com](https://www.QES.com)

Or by email at info@QES.com