



New or Reconditioned

Every day requirements throw up the dilemma of New or Second Hand, of course the decision is often made easy by available budget, Second hand will always save you money!

This principle extends into the world of business and capital equipment. We work with a number of different specialists who have been refurbishing and supplying second user equipment for years.

Our primary partner, V-TEQ Vibration Services Ltd, offer fully refurbished vibration shakers that look and perform like new and will often benefit from a warranty ensuring your risk is minimal. Many are updated to provide higher performance than when they originally left the factory. Refurbished systems are often supplied with new amplifiers from CentraTEQ Ltd to maximise shaker performance.

We also provide full service and maintenance programmes for all makes of vibration systems including ETS, Data Physics, Gearing & Watson, Ling Electronics and LDS



**About CentraTEQ Ltd:**

Formed in 2008 by Jim Flanagan, a name well known in the Vibration Test field, CentraTEQ - Central Testing Equipment, was founded to offer the market something new. With the flexibility to offer solutions from a variety of suppliers, in addition to being the sole UK distributor of ETS Solutions, the Worlds fastest growing supplier of Electrodynamic vibration shakers, CentraTEQ can put together a solution to meet even the tightest of budgets.

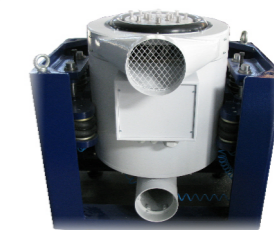
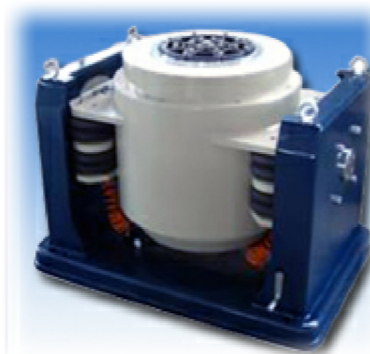
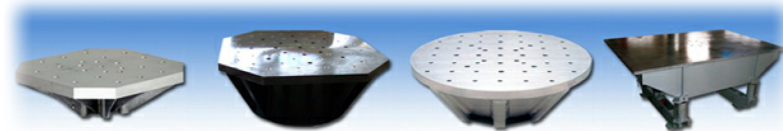
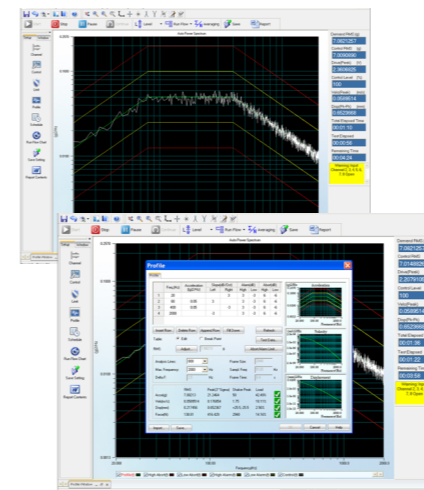
Being able to offer capital equipment solutions including, Vibration shakers, Climatic chambers and Amplifiers right down to sensors and data acquisition equipment, CentraTEQ are a unique company.

Based in Solihull they are well placed to service customers from Scotland to Cornwall and are not afraid to offer fully refurbished second user systems where customer requirements demand.

Whatever the economic climate, the fully flexible approach backed up with decades of industry and technical knowledge will always be a winning and secure option.



A World of Test Solutions



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Maximise your budget  
New and Refurbished  
Systems always available

Shock Testing  
Package Testing  
Vibration Testing  
Accelerometers & Accessories  
High Speed Contact Monitoring

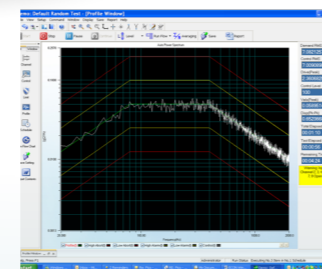
## Vibration Testing

As the UK distributor for ETS Solutions range of vibration shakers and amplifiers, CentraTEQ Ltd can offer air cooled electrodynamic vibration shakers from 3kN Sine/Random force to an impressive 70kN of thrust, the range continues all the way to 500kN with water cooled systems.

As you would expect from a Globally recognised supplier we are also able to provide a full range of slip tables, monobases, amplifiers, head expanders, jigs and fixtures.

With over 30 years experience in the field you can be sure you are dealing with experienced and proven engineers that understand every aspect of your requirement.

Supported by a range of PC based Vibration Controller solutions to suit all specifications and budgets, we can offer you a complete turnkey solution.



**CONTACT US  
for Vibration  
Shaker System  
service and repair.**

**Contract or Call out**

## Shock Testing

CentraTEQ Ltd are pleased to be the UK representatives for Benchmark Electronics range of AVEX Shock Test Machines.

Benchmark designs and builds three models of AVEX® Shock Machine® microprocessor-operated test systems. Shock Machines are used in design and testing of components, hybrids, circuits, and complete assemblies. AVEX machines are used all over the world, for commercial and defence development applications, testing a variety of products, from disk drives to wristwatches, spark plugs to automotive sensors.

### Shock Machine Product Features

- Keypad Entry of Test Parameters
- Shock Testing of 3G's to 30,000G's
- Shock Durations 0.012ms to 100ms
- Accurate & Repeatable Test Results
- Three Inputs to choose from:
  - Half Sine
  - Saw tooth
  - Square Wave
- Waveforms Comply with MIL-STD 810, 202, 750, 883
- Test Specimen Weights Up to 1,000 lbs (453.59 kg)

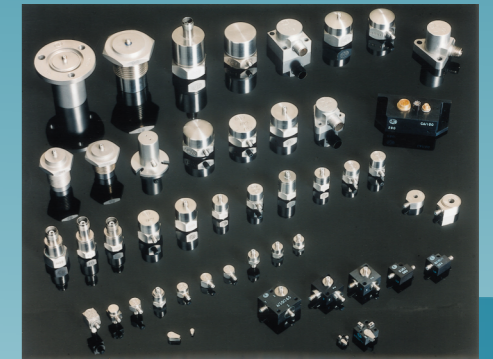


## Sensors and Accessories



Whatever your test application there are always a wide range of 'extras' needed, we can take care of these:

- Accelerometers
- Cables, connectors, mounts
- Modal hammers
- Handheld Vibration Meters
- Signal Conditioning



## High Speed Contact Measurement

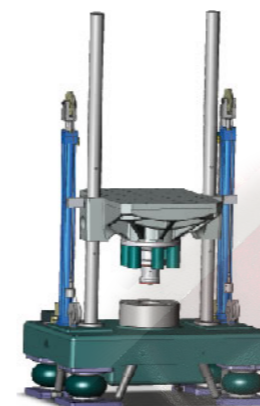
Centrateq Ltd is pleased to offer the unique Gnostic 64 contact monitoring system from Quality Electronics Design S.A. of Luxembourg.

The Gnostic 64 System is an ultra high speed contact measurement system and offers a unique solution to monitoring electronic contacts during vibration or other environmental testing regimes.

- Up to 64 Simultaneous measurement channels
  - Independent current source per channel
  - High accuracy programmable time trigger
  - Up to 12.5 nano seconds time resolution
  - Independent amplitude trigger for each channel
  - Recording of micro interruptions for off-line analysis
  - Multiple simultaneous trigger events ensure no data loss
  - Signal conditioning for noise-free and reliable measurements
  - Recording of the excitation frequency and temperature during test
  - Recording of the contact resistance trend during the test
  - Synchronisation of multiple systems



## Package Testing



LAB Equipment Inc. are a Global supplier of packaging test systems, as their UK representative CentraTEQ Ltd can offer a wide range of solutions including:

- Hydraulic Vibration Testers including Transportation simulators
- Automated and Mechanical Shock testers
- Drop testing machines

All systems can be provided with full control and data acquisition

