



# VIBRATION FACILITY

VSF R160-S320

Houwteq's [vibration test facilities](#) help our clients meet their environmental requirements, simulating loads (random and sine) on test articles up to 1 tonne in mass. Applicable for a wide range of industries including space, aviation, automotive, manufacturing, materials handling and mining.

[Slip table](#) and [pivoted vibrator](#) enable testing in X/Y and Z axes. Data acquisition and processing is performed with industry-standard software and hardware (Siemens LMS and DAQs).

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## SPECIFICATIONS

## VIBRATION & SHOCK FACILITY

### Static Load

Mass 1363 kg

### Force

Random 160 kN

### Frequency

5 Hz to 2 kHz

### Dimensions

Slip Table 1.5m x 1.5m  
Head Expander Diameter 1.5m

### Crane

Capacity 10 tonne  
Hook Height 10m

### Model Analysis

Control/ Analysis Siemens LMS

### Data Acquisition

Sensor PCB ICP Signal Condition for Piezo Electric transducers

### Standards

Mil Std 810G