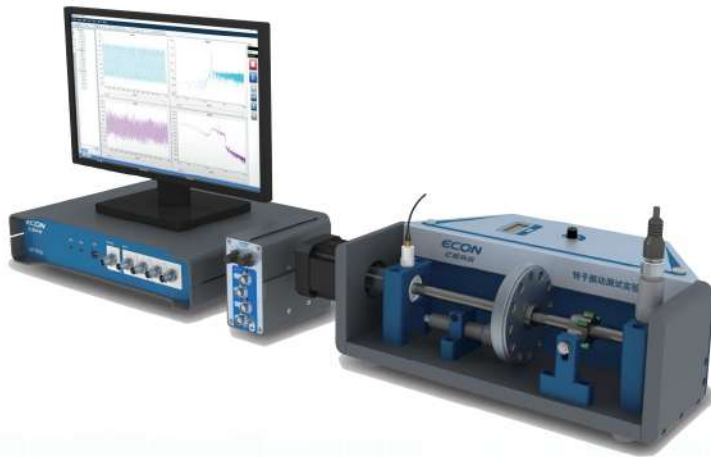




# Vibration Teaching Simulation System

TEACHING DEVICE DESIGNED IN ACCORDANCE  
WITH DIFFERENT COURSE REQUIREMENTS

## Rotor Vibration Test System



### TEST 1

Analytic experiment on vibration test and resonance phenomenon of motor rotors

### TEST 2

Test experiment on natural frequency and critical rotation speed of motor rotor test bench

### TEST 3

Analytic experiment on signal acquisition and aliasing phenomenon of motor rotors

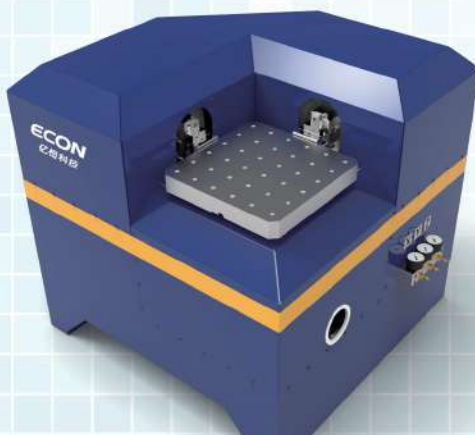
## Bi-axial Vibration Test System

Based on ECON's self-developed vibration test system, the System, complete with a closed-loop control system, data acquisition system, etc., is a special teaching demonstration platform. Apart from making teaching demonstrations in modal tests on building structures and resonance tests on frame models, it is also available for carrying out a simulation of vertical or horizontal seismic waves, loading of vibration fatigue, durability test and other tests.



■ Modal analysis of building structure

## Tri-axial Vibration Test System



### Versatile:

Sine, Random, Shock, FDR-TTH, FDR-LTH, etc.

### Features

- Multi-mode loading: multi-axis, asynchronous, etc.
- Decoupling structure to meet various coupled loading requirements.
- 220V power supply to be placed in a classroom or laboratory.

