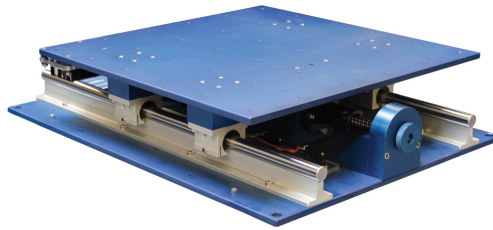


UNIVERSAL TESTING SYSTEMS

Shake Table, Single-Axis Bench-Scale



ProLab® PLMT-ST1 Series electromechanical Single-Axis Bench-Scale Shake Table is a mid-size, open architecture, single-axis simulator ideal for teaching and doing research in structural dynamics, earthquake engineering, and other topics related to structural, earthquake, and civil engineering. Users can apply sine waves, chirp signals and scaled earthquakes, such as the Northridge, Kobe, and El-Centro supplied, to study their effects on buildings, bridges, and various materials. Additional earthquake profiles can be downloaded from the PEER Ground Motion Database and scaled down for replaying on the Shake Table. By combining two Shake Table systems, users can perform bi-directional shaking experiments, or work with higher payloads.

ProLab Shake Table simulates earthquakes using real records, as well as operates waveforms such as sine, triangle etc. or any user defined acceleration or displacement profile. The system is fully controlled via computer software, which is included in the package. It is commonly used in Civil Engineering departments. It can also be used for structural mechanics, earthquake, soil and geological engineering tests and calibrating accelerometers and seismic instruments.

You May Also Be Interested In



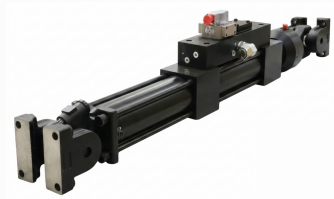
**Servo Electromechanical
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