

K.J. INTERNATIONAL



An ISO 9001:2015 Certified Company

Complete Solutions of Testing Equipments "Concrete, Steel rods wires, Safety Lifting belts, Plastics, Automobile , Geo Textile, industry and many more.....

CATALOG FOR UNI -AXIAL SERVO DRIVE EARTHQUAKE SHAKE TABLE (KJE UAEST)



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"Our Sister Concern Company: - M/s. K.J. Enterprise"

"K.J.Technical services"

UNI-AXIAL EARTHQUAKE SHAKE TABLE (KJE UAEST)



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The shake table is utilized to test seismic simulation of earthquake on various models or structures

under uni-axial shaking with supporting frame. The mechanism is such that, the amplitude, displacement and the frequency can be changed to provide variation in shaking.It is used in

Educational Q.C. & R & D lab .

Machine body fabricated with Sturdy steel structure for sustaining of vibrations loads & absorption during working on high frequency.

Specification :-

- Frequency Range : 1 to 10 hertz (will be variable for different range from 1mm to 50 mm).
- Pay Load capacity : 500 TO 1500 kg or customized
- Size of shake table 900 X 1500 mm or customized
- Stroke length : 0 mm to +_50 mm or customized
- Control panel:- Input motion of the machine can controlled by High speed electronic PLC's with program converter ,7 " HD HMI Colorful display.

UNI-AXIAL EARTHQUAKE SHAKE TABLE (KJE UAEST)



Specification :-

- **Drive System:-** Servomotor with mechanical forward- reverse movement of top shaking plate through imported sound less gear box and linier bearings.
- **Special Imported Laser displacement Sensor** to sense displacement of different one OR more floors of models or structures.
- **User Friendly Software** Creation of database records with storage facilities ,easy handling & calibration process is provided .
- The system would have facility to printing of Test report with graph. Displacement V/s Time Graphs etc...
- Machine operates on 3 Phase A.C. 450 volts 50 hz Power supply.
- **Note:-** We can Design and develop Customised machine as they required..

-: End of Catalogue :-