



TARANG KINETICS

is a leading destination for environmental testing solutions since 1995. With a glorious history of nearly 3 decades of excellence in the manufacturing of testing solutions such as Electrodynamic Vibration Shaker System, Bump Test Machine, Shock Test Machine, Linear Acceleration Machines etc.

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Company Profile – Tarang Kinetics Tarang kinetics is a leading destination for environmental testing solutions since 1995. With a glorious history of nearly 3 decades of excellence in the manufacturing of testing solutions such as Electrodynamic Vibration Shaker System , Bump Test Machine , Shock Test Machine, Linear Acceleration Machines etc. We customize testing solutions as per customer's stringent application requirement to test every/any end product under a simulated environment in the laboratory. Using our testing solutions at the design and production phase provides the confidence that our customers need to develop highly reliable products. Tarang has progressed to become a pioneer in delivering comprehensive testing capabilities with accuracy and reliability. Tarang has always been acknowledged for its excellence

We have been indigenously manufacturing this system and making INDIA stronger.

We are empowered with a competent production team, whose extensive experience and technical expertise makes us the top choice of leading industries. Tarang follows a strong customer – focused approach by delivering tailored solutions to suit the exact application needs of our clients. Providing exceptional customers service that meets and exceeds their expectations remains at the core of our business.



LOW FORCE SERIES VIBRATION TEST SYSTEM

Business Type

Manufacturer, Exporter, Supplier, Retailer

Signal to Noise Ratio

> 70dB

Power Efficiency

> 90%

Input Impedance

10 Kohm



MEDIUM FORCE SERIES VIBRATION TEST SYSTEM

Business Type

Manufacturer, Exporter, Supplier, Retailer

Signal to noise ratio

> 70dB

Power efficiency

> 90%

Input Impedance

10 Kohm



HIGH FORCE SERIES VIBRATION TEST SYSTEM

Business Type

Manufacturer, Exporter, Retailer

Payload Capacity

600 Kg

Stray magnetic field (150mm above table)

<1mT

Signal to noise ratio

> 70dB



WATER COOLED SERIES VIBRATION TEST SYSTEM**Business Type**

Manufacturer, Exporter, Supplier, Retailer

Max Acceleration Bare Table (Sine)

100'g'

System Velocity (Sine)

2 m/s

Max Displacement (peak to peak)

38/51mm

**VIBRATION INTEGRATED CHAMBER****Business Type**

Manufacturer, Exporter, Supplier, Retailer

Country of Origin

Made in India

Power Source

Electric

Body Material

Mild Steel

**HEAD EXPANDER****Business Type**

Manufacturer, Exporter, Supplier, Retailer

Material

Metal

Color

Silver

Feature

Rust Proof



HORIZONTAL SLIP TABLE

Business Type

Manufacturer, Exporter, Supplier, Retailer

Material

Metal

Finishing

Polished

Shape

Rectangular



VIBRATING TEST MACHINE

Business Type

Manufacturer, Exporter, Supplier, Retailer

Electro-Dynamic Shaker

Our system consists of Drive Coil (Armature) positioned in direct current magnetic field excited by alternating current signal generated by Digital Power Amplifier. This generates a force making the drive coil to move as per the magnitude and frequency of the signal.



BUMP TEST MACHINE

Business Type

Manufacturer, Exporter, Supplier, Retailer

Type

Free Fall

Payload Height

Unlimited

Pulse Shape

Half-Sine



SHOCK TEST MACHINE

Business Type

Manufacturer, Exporter, Supplier, Retailer

Payload Height

Unlimited

Insert Pattern

100 x 100 mm Matrix

Shock Rate

1-8 shocks/min



CENTRIFUGE MACHINE

Business Type

Manufacturer, Exporter, Supplier, Retailer

No Of Test Proiles

1-100

Utilities Required

Plant air or bottled Nitrogen 6-8 bar 410V,
3 -phase 50 Hz



ENVIRONMENTAL CHAMBER

Business Type

Manufacturer, Exporter, Supplier, Retailer

Test Environment Simulation

As per customer's requirement (Cold, Heat, humidity, altitude, thermal shock)

Test space

As per customer's requirement

Temperature Range

-80 C to +200 C

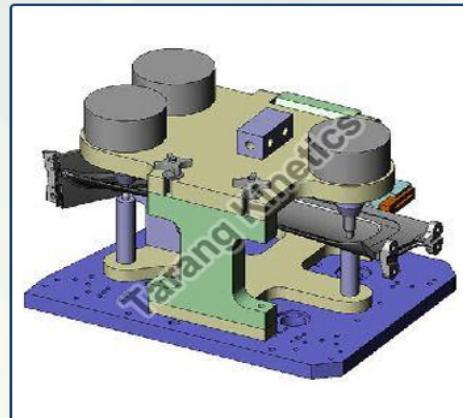


Fixture Design

Business Type

Manufacturer, Exporter, Supplier, Retailer

We offer custom made fixtures that increase the loading options for testing multiple test objects on your shaker system. The 'L' and 'T' shape fixtures are used to provide a mounting surface perpendicular to the direction of the test apparatus. This eliminates the need of high cost slip table attachment where the test object can be mounted on the L or T fixture.



Pneumatic Shock Testing Machine

Business Type

Manufacturer, Exporter, Supplier

Material

Metal body

Power

High high power

Country of Origin

India



Armature Rewinding Power Amplifier

Business Type

Manufacturer, Exporter, Supplier, Trader

Driven Type

Electric

Condition

New

Application

Motor Use



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