



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.

ABOUT US

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. Our R & D Facility is in constant efforts of expanding our product line to meet the over increasing application demands of our customers.

Because testing matters, it's our focus. Testing can distinctly differentiate a machine and deliver a market place advantage by improving its performance. This translates to overall increased reliability and efficiency of your products. Testing also represents endless possibilities for innovation. We have always understood this potential, and thus, have kept testing at our core, relentlessly developing testing solutions that offers precise simulation of the test environment.

For assistance with your application, send mail to info@tarangkinetics.com

Nature of Business

Manufacturer & Supplier

Number of Employees

11 to 25

Market Covered

Domestic

VIBRATION TEST SYSTEM

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. This vibratory force is applied on the objects/specimens mounted on Shaker platform. The armature assembly utilize modern armature suspension systems which is Rolling strut type featuring low transverse motion.

Capable to perform tests in accordance with various standards eg. IS, MIL, DIN, ISO, EN, IEC, DEF, JSS 55555 & ASTM etc.



**Low Force Series
Vibration Test System**



**Medium Force Series
Vibration Test System**



**High Force Series
Vibration Test System**



**Water Cooled Series
Vibration Test System**

VIBRATION TEST SYSTEM



Vibration Integrated Chamber

Business Type	Manufacturer, Exporter, Supplier, Retailer, Wholesaler
Country of Origin	Made in India
Power Source	Electric
Body Material	Mild Steel
Frequency (Hz)	50 Hz
Finishing	Powder coated
Frequency	50-60 Hz

Business Type	Manufacturer, Exporter, Supplier, Retailer, Wholesaler
Material	Metal
Color	Silver
Feature	Rust Proof
Application	Vibration System



Vibration Test System Accessories



Vibrating Test Machine

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OTHER PRODUCTS

Bump Test Machine



Business Type

Type

Payload Height

Pulse Shape

Max Drop Height

Utilities required

Manufacturer, Exporter,

Supplier, Retailer,

Wholesaler

Free Fall

Unlimited

Half-Sine

50 mm

Plant air or bottled Nitrogen 6-8 bar

415V, 3 -phase 50 Hz

Shock Test Machine



Business Type

Payload Height

Insert Pattern

Shock Rate

Max Deviation of specimen from table centre

Utilities required

Manufacturer, Exporter,

Supplier, Retailer,

Wholesaler

Unlimited

100 x 100 mm Matrix

1-8 shocks/min

30 mm

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

OTHER PRODUCTS

Centrifuge Machine



Business Type

Manufacturer, Exporter,
Supplier, Retailer,
Wholesaler
1-100

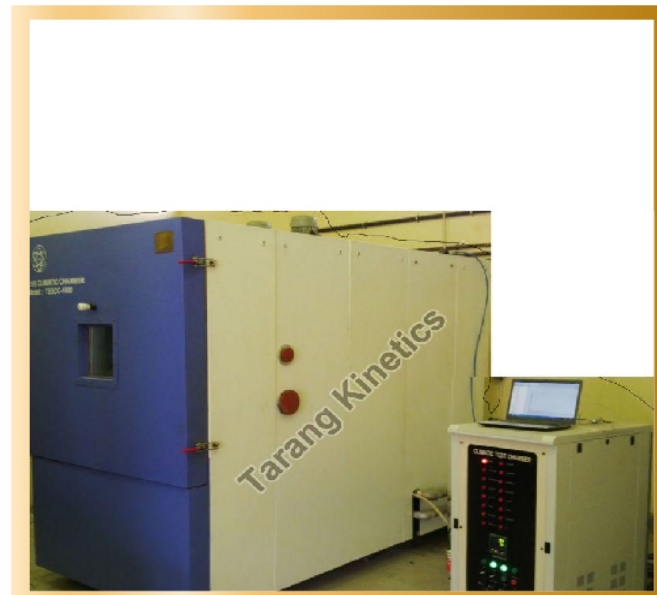
No Of Test Profiles
Utilities Required

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

Safety Interlocks

Mains Input Over & Under Voltage,
Phase drop, Door Lock, Imbalance Vibration

Environmental Chamber



Business Type

Manufacturer, Exporter,
Supplier, Retailer,
Wholesaler

Test Environment Simulation

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

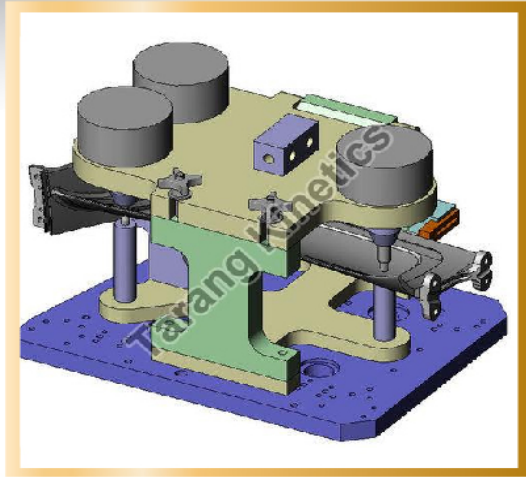
Test space

As per customer's requirement

Temperature Range

-80 C to +200 C

OTHER PRODUCTS



Fixture Design

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.

Business Type	Manufacturer, Exporter, Supplier
Material	Metal body
Power	High high power
Country of Origin	India
Features	Smooth operations, Long functional life



Pneumatic Shock Testing Machine



Armature Rewinding

Business Type	Manufacturer, Exporter, Supplier, Trader
Driven Type	Electric
Condition	New
Application	Motor Use
Type	Armatures
Country of Origin	India



Tarang Kinetics

ANIL KUMAR JAIN & AKSHAT JAIN

Email Address : info@tarangkinetics.com

Phone : +91-1332-264289

Fax : +91-1332-265446

Mobile : +91-9760025259

Address : C-20 Industrial Estate, Ramnagar, Roorkee, Uttarakhand - 247667, India

Web Site : <http://www.tarangvibration.com/>

Call Us : 08069247352-644

Web Page : <https://www.exportersindia.com/tarangkineticsp/>

West Region (Pune)

Tarang Kinetics Pvt. Ltd.

Off. No 506, Winner's Court Buildings, Lulla Nagar Chowk, Pune - 411040

Contact : +91-7300601097

E-mail : pune@tarangkinetics.com

South Region (Hyderabad)

Tarang Kinetics Pvt. Ltd.

Ground Floor, Plot No. 45, 6-21 1/3, Triveninagar Colony, Hyderabad - 500097

Contact : 040-29880116

E-mail : hyd@tarangkinetics.com

South Region (Bengaluru)

Tarang Kinetics Pvt. Ltd.

No 742, CHS-707, 4th Phase, 5th Cross, Yelahanka New Town, Bengaluru - 560064, Karnataka

Contact : 080-41151423

E-mail : bengaluru@tarangkinetics.com