



**Department of Mechanical Engineering
Indian Institute of Technology Kanpur
Kanpur (UP) 208016 India**

Sameer Khandekar
Professor
Room: SL-109
Tel: #-(0512)-259-7038
E-mail: samkhan@iitk.ac.in

Date: 01/011/2016

Enquiry number: PCTS/ME/2015/22

Subject: Web Enquiry

We are planning to purchase Vibration Exciter/Shaker with suitable power amplifier, digital meter and controls. The specifications should be as follows:

- Usable frequency range 5-13,000 Hz
- Payload capacity about 1 Kg.
- Platform for specimen to be tested about 500mm X 500mm
- Displacement (peak–peak) about 5.0 mm
- Axis of testing x or y axis (single axis)
- Velocity of vibrating palate (sine peak) 0 to 2.0 m/s
- Maximum Acceleration (sine peak) 900 m/s²
- Suspension Axial Stiffness 12.0 N/mm
- Impedance not more than 2 Ω at 500 Hz

Kindly send hard copy of your offer at the following address before 11 January, 2016. The offer must contain the usual terms and conditions of supply, tax, freight charges, offer validity, warranty, educational discount, and delivery period etc.

Thanking you,

Sameer Khandekar

SL-109, Phase Change Thermal Sciences Laboratory
Indian Institute of Technology Kanpur (INDIA) 2080 016

Phone: 0512-2597967, e-mail: cgoswami@iitk.ac.in