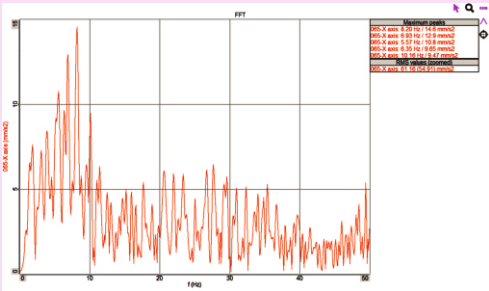
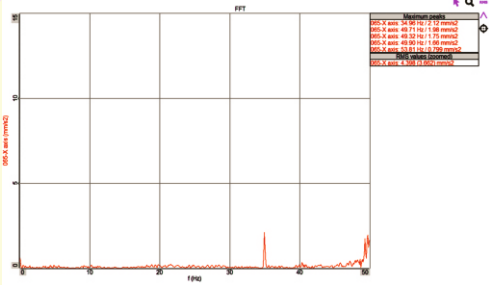


Before Installing of Dynemech
Antivibration Table



After Installing of Dynemech
Antivibration Table



Dynemech Anti Vibration Tables **Series DIT-AL-HC** are ideal for isolating low-frequency vibration, Dynemech Anti vibration table has natural frequency in the range of 04-06Hz. The DIT-AL-HC Antivibration table consist of Honeycomb Table Top. These Vibration tables provide economical solution where low frequency vibrations need to be removed. The passive vibration from nearby machines is reduced by 80-98%, depending upon the incoming vibration frequency. Levelling is done using bottom levelling screw. The initial stage Levelling is done using bottom levelling screw. The vibrations are isolated using Pneumatic Air Mounts fitted with sophisticated height sensing levelling valves. The second stage fine levelling is provided using the levelling nut provided on the mechanical valve body. The system detects movement of load on the honeycomb surface plate and automatically fills/expells air to keep the surface plate levelled. The core of Honeycomb table top is composed of hexagon cells which provides remarkable strength to weight ratio ensuring a robust and stable surface which is light weight and easier to handle. The core is sandwiched between two layers of high quality material such as SS 304 or Magnetic SS. The honeycomb table top is customizable , pls. share the required detailed specifications in the RFQ.

APPLICATIONS: Used in industries with requirement for mounting optical assemblies and modules, like lasers, lenses, and other precision equipment, Microscopy and Research Labs, Balance and Precision Testing Equipment, Seismic and Vibration-Sensitive Environments.

Sl. No.	Model	Load (Kg.)	Length (mm)	Width (mm)	Height at mean position (mm)	Honeycomb Table Top Thickness (mm)	Natural Frequency (Hz)
1.	DIT-AL-HC-01-757590	upto 700	750	750	900	100	4-6
2.	DIT-AL-HC-02-906090	upto 800	900	600	900	100	4-6
3.	DIT-AL-HC-03-909090	upto 1000	900	900	900	150	4-6
4.	DIT-AL-HC-04-12010090	upto 1000	1200	1000	900	150	4-6
5.	DIT-AL-HC-05-12012090	upto 1000	1200	1200	900	150	4-6
6.	DIT-AL-HC-06-18012090	upto 1000	1800	1200	900	150	4-6
7.	DIT-AL-HC-07-24012090	upto 1200	2400	1200	900	200	4-6

HONEYCOMB TABLETOP TECHNICAL SPECIFICATIONS :	
1.	Flatness of top skin : +/-0.1mm over 25cm^2.
2.	Side walls are able to damp the acoustic vibrations.
3.	Mounting holes - M6, mounting hole pattern - 25mm grid.
4.	Magnetic.
The passive vibration from nearby machines is reduced by 90-95%. levelling is done using bottom levelling screws.	
Passive vibration isolation support with DLPM pneumatic mounts.	
1.	Interconnected legs by pneumatic tubes for air filling.
2.	The uniform distribution to all the isolator legs is provided.
3.	The pressure of air is from 30 PSI and above condensation in air.
4.	The system is able to avoid condensation in air.
5.	The system isolates vibration in the range of 10-50Hz.
6.	An electric air compressor (portable) is provided.