

## SHOCK RESISTANT / ANTI-VIBRATION TABLE WITH PNEUMATIC VIBRATION MOUNTS

### Anti-Vibration Table Pneumatic Air Springs Series DIT-AS



Dynemech Anti Vibration Tables Series DIT AS are ideal for isolation of LOW FREQUENCY vibration due to working machines like presses, hammers, VMCs, nearby traffic, railway line or construction work etc. The passive vibrations are absorbed by the pneumatic mounts making the surface plate float on compressed air. These Anti Vibration Tables have a Granite Surface Plate with Grade 00/Grade 1 accuracy for very precise flatness accuracies. These Vibration Tables provide economical solution where low frequency vibrations need to be removed. The passive vibrations from nearby motors and other heavy machinery is reduced by 90-95%. Continuous air supply is required to compensate the pressure drop. Levelling is done using bottom levelling screws.

**APPLICATIONS :** The Vibration Isolated Table (VIT) finds usage in critical areas where reading accuracy of instruments like CMM, Spectroscopes, Balances, Galvanometers, Electronic Microscopes and Atomic Absorption Spectrophotometers, is affected by Vibrations.

With this specialized design, we obtain a very precise and highly Shock Resistant Anti-Vibration Table.

Model	Length (mm)	Width (mm)	Height (mm)	Surface Plate Thickness (mm)	Table Load Capacity (Kg)	Natural Frequency at Max. Load (Hz)
DIT AS/01	500	500	800 1000	80	up to 400	4.6
DIT AS/01/s1	630	630	800 1000	80	up to 400	4.6
DIT AS/02	750	500	800 1000	80	up to 500	4.6
DIT AS/03	900	600	800 1000	100	up to 1250	4.6
DIT AS/04	1000	800	800 1000	150	up to 1250	4.6

\* Special table sizes and designs can also be ordered as per client's requirement

