

## SHOCK RESISTANT / ANTI-VIBRATION TABLE WITH ELASTOMERIC ISOLATION

### Anti-Vibration Table Elastomeric Material Series DIT-E



Dynemech Anti Vibration Tables Series DIT E are ideal for Testing / Quality Laboratories co located with industrial units having high degree of vibration due to working machines like presses, hammers, VMCs etc. The Vibrations are isolated using Double Layered Dp Elastomeric Sheets. These Anti Vibration Tables have a Granite Surface Plate with Grade 00/Grade 1 accuracy for very precise measuring accuracies. We can select up to five layers of insulation plate depending upon the vibrations present in the Testing Laboratory. These Vibration Tables provide the most economical solution where high frequency vibrations need to be removed. The passive vibrations from nearby motors and other heavy machinery is reduced by 65 70%. The vibration isolation efficiency of these tables can be further increased by placing more than 2 layers of our Dp insulation Sheets. Five layers of DP exhibits a natural frequency of 7.8 Hz. which damps most of the incoming frequencies above 20 Hz.

**APPLICATIONS :** The Vibration Isolated Table (VIT) finds usage in critical areas where reading accuracy of instruments like 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 E/01	500	500	800 1000	80	up to 250	7.8
DIT E/01/s1	630	630	800 1000	80	up to 250	7.8
DIT E/02	750	500	800 1000	80	up to 450	7.8
DIT E/03	900	600	800 1000	100	up to 1250	7.8
DIT E/04	1000	800	800 1000	150	up to 1250	7.8

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

### Electro Magnetic Force Compensation High Precision Analytical Balance with 0.01mg accuracy



### High Precision Laboratory Balance with Readability 10mg



### High Precision Laboratory Table

