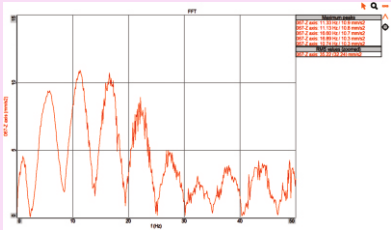
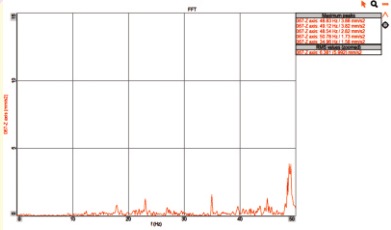




Before Installing of Dynemech
Antivibration Table



After Installing of Dynemech
Antivibration Table



Dynemech anti-vibration table **Series DIT-AHL-GN** is suitable for all types of measuring and testing equipment used in the labs and clean rooms. The body of the table is made from low carbon steel powder coated outer frame provide sturdiness to the structure of the table. The natural frequency of this table is in the range of 0.8 to 1.2 Hz which damps out most of the vibrations above 2 Hz. Lower natural frequency is achieved to offer higher vibration isolation. Available self-levelling accuracy options are +/- 0.010 and +/- 0.10 with minimum setting time, depending upon the application requirement. These tables have a levelling adjustable leg. The first stage levelling is done by rotating the nut, the level of the granite top can be maintained using precision spirit level/electronic level gauge. The top is made from a heavy granite slab which ensures rigidity and keeps the system stable and ensures lower natural frequency and high damping efficiency. The flatness accuracy of these granites is of grade '0' or '00' depending upon the application. The top surface of the granite slab is velvet finish to ensure smooth and lustrous finish. The frame of the table is made from the structural steel having grade IS 2062, Monitor stand, drawers, CPU space is provided as per the customer's requirement. The body of the table is Powder coated to achieve corrosion free service life of the table. The vibration isolation is achieved by very low frequency membrane air springs which are the integral part of the table body. Optional sturdy castor wheels are also provided for heavy versions for easy relocation of the table. Keyboard, CPU and monitor stands, Drawers and cabinets can also be accommodated in these tables as per the application requirements. These tables undergo a modern manufacturing process and rigorous testing before being supplied to customers. The entire process is carried out in our dedicated in-house facility.

APPLICATIONS:

- Precision Instruments: Balances, Galvanometers, Electronic Microscopes, Atomic Absorption Spectrophotometers
- Laboratories: Chemical analysis, food sample testing, scientific research
- Industries: Pharmaceuticals, Food and Beverage, Chemicals
- Semiconductor Manufacturing: Precision and accuracy in R&D
- Weighing Experiments: High-precision balances and measuring instruments
- Scientific Applications: Metrology Equipment , Thermogravimetric Analysis (TGA) , Digital Hardness Testers, HighResolution Microscopes, Surface Roughness Testers

| Sl. No. | Model | Load (Kg.) | Length (mm) | Width (mm) | Height at mean position (mm) | Granite Table Top Thickness (mm) | Natural Frequency (Hz) |
|---------|------------------|------------|-------------|------------|------------------------------|----------------------------------|------------------------|
| 1. | DIT-AHL-GN-01 | upto 400 | 500 | 500 | 800-1000 | 80 | 1.5-2.0 |
| 2. | DIT-AHL-GN-01-S1 | upto 400 | 630 | 630 | 800-1000 | 80 | 1.5-2.0 |
| 3. | DIT-AHL-GN-02 | upto 850 | 750 | 500 | 800-1000 | 80 | 1.5-2.0 |
| 4. | DIT-AHL-GN-03 | upto 1150 | 900 | 600 | 800-1000 | 100 | 1.5-2.0 |
| 5. | DIT-AHL-GN-04 | upto 1250 | 1000 | 800 | 800-1000 | 150 | 1.5-2.0 |
| 6. | DIT-AHL-GN-05 | upto 1250 | 1200 | 1000 | 800-1000 | 150 | 1.5-2.0 |
| 7. | DIT-AHL-GN-06 | upto 1500 | 1800 | 1500 | 800-1000 | 150 | 1.5-2.0 |

OTHER TECHNICAL SPECIFICATIONS :

| A. Pneumatic Legs Specifications | | |
|----------------------------------|--------------------------------|--|
| 1. | Levelling | Auto Levelling by Automatic Levelling Valves |
| 2. | Levelling Repeatability | +/- 0.15 mm |
| 3. | Height Adjustment | 8 mm |
| 4. | Vibration Isolation Efficiency | 90-95% |