

Anti Vibration table with Table top Platform (comprising following three sub systems):

Membrane Air Spring Details:

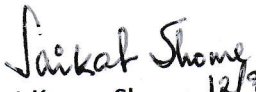
- 1) Vibration Pads: BiAir Membrane Air Spring ED-Al in Anodised Aluminium 4 Nos
- 2) Natural Frequency: Vertical – 2.5 Hz, Horizontal – 2.8 Hz
- 3) Level Control : Mechanical-Pneumatic Auto level controller (LCV). Level accuracy $\pm 1/100$ mm even with load changes.
- 4) Air Supply : Continuous 6 bar dry air supply required.
- 5) Table Top : Granite surface Plate (600 x 500 x 80 mm)

Rigid Support Table frame for Membrane Air Spring Specification:-

- 1) Height : 750 mm working height with granite surface plate.
- 2) Material : Rigid Welded Mild Steel subframe with Square pipe (100 x 100 x 3 mm).
- 3) Vertical Support: Four vertical mild steel pipe.
- 4) Horizontal Support: Mild steel square pipe prefabricated with vertical support pipe.
- 5) Height Adjustment: 1 to 2 Inches. (With the help of levelling element)
- 6) Load capacity of Frame : 250 to 300 Kg.
- 7) Vibration Dampers : Fixed on frame top (Granite surface plate to be placed on the Vibration damper)
- 8) Finish : Black Powder coated surface.

Air compressor for the vibration isolation system

Voltage	220v
Size of Receiver	24ltr
Motor	1.5hp
Capacity	24ltrs
Airflow requirement	4cfm
Discharge Pressure	10 bar
Accessories	Receiver
Compressor Technology	Reciprocating
Power Source	AC Single Phase
Number of Compression Stages	Single Stage
Compressor Mounting Configuration	Tank Mounted
Compressor Type	Air Compressor
Cooling Method	Air Cooled
Maximum Flow Rate	20 cfm


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