

# AMT OPTICAL ANTIVIBRATION TABLE



## Product properties

Vertical Resonant Frequency	1.25 Hz
Horizontal Resonant Frequency	1.0 Hz
Vertical Transmissibility at Resonance	10 dB
Horizontal Transmissibility at Resonance	12 dB
Vertical Transmissibility at 5Hz	20 dB (90%)
Horizontal Transmissibility at 5Hz	24 dB (94%)
Vertical Transmissibility at 10 Hz	32.5 dB (97.5%)
Horizontal Transmissibility at 10Hz	30 dB (97%)
Self Leveling Repeatability	± 0.5 mm

## Description of the table tops:

- Cover plate: Stainless steel 3 mm, magnetic or non-magnetic, anti-reflective.
- Base plate: Steel sheet 3 mm
- Clamping hole grid: 25 mm (standard)
- Core: HD/HDT: Steel honeycom made of galvanised 0.5 mm steel sheet, precision formed, bonded with specifically matched resin
- Thread inserts (HDT): Floating mounted threaded inserts M6, closed sleeves prevent any contact with the table core. Capability to displace the clamping bolts by 0.5 mm whilst simultaneously Inclining by  $\pm 3^\circ$ . Maximum depth of thread 30 mm.

## Applications

- Special Microscopy
- Vibration-sensitive measuring and testing equipment
- Laser equipment
- Optical and electronic instruments
- Scales
- Medical instruments

## Features

- Featured vibration isolator technology
- Superior vibration control
- Maintenance free operation
- Specially designed for Interferometry and other high
- Vibration sensitive experiments
- Silent air compressor will be supplied as per requirement.

Dimensions	AT 90 - 90	AT 120-90	AT 120 - 120	AT 180-120	AT 240-120	AT 300 - 120
Width [mm]	900	1,200	1200	1,200	2,400	1,200
Depth [mm]	900	900	1200	1,800	1,200	3000
Thickness table top [mm]	100	100	100	100	200	300

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