



Vibration Isolation Solutions

Image shows a BD-8 probe station on a granite table top (VFT-4836-GS-w)

In microscopy, probing and optics, it is essential to reduce vibrations when viewing your samples. Everbeing has the capability to provide standard and customized solutions to assist in minimizing vibrations.

Features

- Fully welded table
- Ideal for dampening vibrations to view 1 um accuracy
- Handguard rail included to avoid bumping to tabletop
- Air cushion activated (pneumatic)
- Steel tabletop default

Options

- Add a shielding box on top for optic, noise sensitive experiments
- Replace tabletop for granite for stronger dampening or breadboard for optical use
- Install castor wheel for ease of repositioning
- Choose a tabletop only version for space saving solutions

Accessories

- Bottom Storage Cabinet
- Rear Mounted Equipment Bench Shelf

VIBRATION ISOLATION SOLUTIONS

Your Partner in Probing Solutions

Specifications

Model	VFT-3636	VFT-4836	VFT-7236	VFTT-2824
Tabletop Size:	900 mm x 900 mm	1200 mm x 900 mm	1800 mm x 900 mm	700 mm x 610 mm
Includes Table Frame:	Yes	Yes	Yes	No
Table Height:	785 mm	785 mm	785 mm	N/A
Air Cushion Count:	4	4	8	4
Vertical Natural Frequency:	1.5 Hz	1.5 Hz	1.5 Hz	1.7 Hz
Horizontal Natural Frequency:	1.2 Hz	1.2 Hz	1.2 Hz	1.5 Hz
Displacement (Under Microscope):	1 μm	1 μm	0.8 μm	2 μm
Air Pressure Requirement:	80 psi	80 psi	100 psi	70 psi
Piping Connection:	6 mm OD	6 mm OD	6 mm OD	6 mm OD
Net Supported Load:	200 kg	200 kg	800 kg	120 kg
Granite Table Option:	Yes	Yes	Yes	No
Breadboard Option:	Yes	Yes	Yes	No
Castor Wheel Option:	Yes	Yes	Yes	No

Model Variations:

1. -W : For castor wheel option
2. -GS : For granite tabletop option (additional air cushion included)
3. -B : For breadboard option

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Additional Information

VFTT-2824

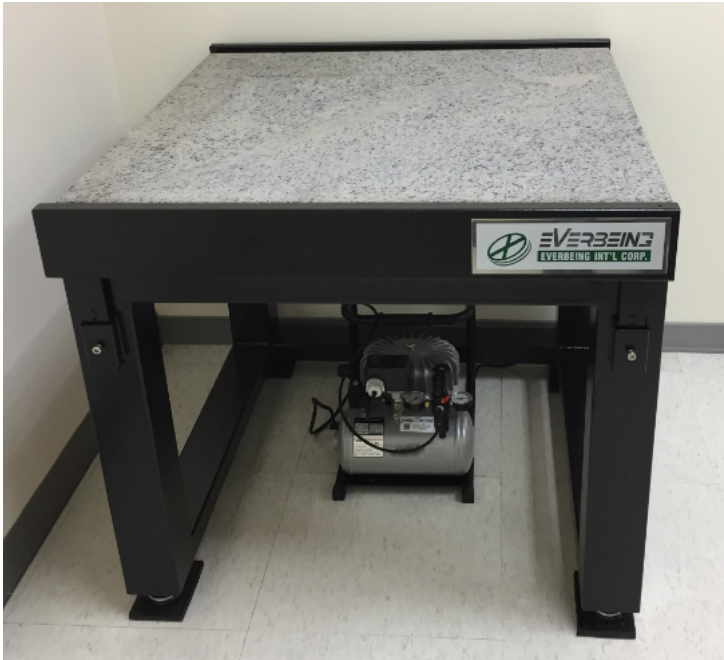
The VFTT-2824 uses the same air cushion technology as our standard vibration free table without the table frame. This space saving solution is perfect for customers on a budget or space constraint.

Efficiency is dependent on the table quality provided by the customer.



VFT-3636-GS

For more demanding applications, feel at ease with the addition of a granite table top to further improve any dampening in your environment.



Flat-pack Version

With logistics costs on the rise, we have developed a flat-pack version where the table frame can be assembled on arrival. Please inquire for more information.