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**Useful in micromanipulation procedures
like Intra-Cytoplasmic Sperm Injection (ICSI).**

Easy-to-Use and Maintenance Free.



table of contents

MIRI® AVT Parts and Features4

MIRI® AVT Mechanism6

General Specifications7

Ordering Information7



MIRI® AVT

Anti-Vibration Table

Esco Medical MIRI® AVT is an anti-vibration table, intended to be used with high-magnification microscopes. It isolates the microscope from vibrations generated in the room where the table is placed and from vibration generated above or below any part of the table top, that is not part of the AVT platform.

The table consists of a sturdy frame made from high-quality stainless steel, which makes it easy to clean and maintain.



In the middle of the tabletop is the anti-vibration platform, which houses the anti-vibration mechanism and it is floating on the AVT mechanism. The microscope is placed on the anti-vibration float.

FEATURES:

Anti-Vibration Platform

Range (HZ) vibration could be eliminated while using this AVT: 5.5-50Hz

Anti-Vibration Mechanism

Passive Dampening

Tabletop

Made of stainless steel

Sturdy Frame

A table support made of stainless steel that provides durability and strength

The Mechanism



The anti-vibration mechanism works as a passive damping device and only partially damps the vibration that is generated on the AVT platform itself.

The vibrations are eliminated efficiently through an optimized choice of mass and support stiffness ensuring a passive dampening.

In all buildings, floors vibrate at low frequencies that may affect the performance of high-magnification microscope. The effects of vibration can be greatly reduced by installing a system that isolates the microscope area. The degree of improvement varies between instruments and locations, depending on the amplitude and frequency of floor vibrations.

Note: This product does not carry a CE mark. Only those product categories that are subject to specific CE marking directives are required (and allowed) to carry CE marking. There are no such categories or directives that would include a non-electrical anti-vibration table as MIRI® AVT. The product is manufactured under ISO 9001 Quality Management System.

General Specifications



MIRI® AVT

Overall dimensions (W x D x H)	1200 x 800 x 800 mm
Material	Powder painted mild steel/Stainless steel
Float	Size 540 x 340
Recommended load weight	26-32 kg
Damping coefficient (6 Hz)	~0.1
Amplitude (6 Hz)	<1 µm

The spectrum of the vertical vibration velocity with the additional mass of 47 kg.
Resonance frequency is 5-5.29 Hz.

Ordering Information

ITEM CODE	MODEL CODE	DESCRIPTION
1320484	AVT-2	Anti-Vibration Table MIRI® AVT



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