



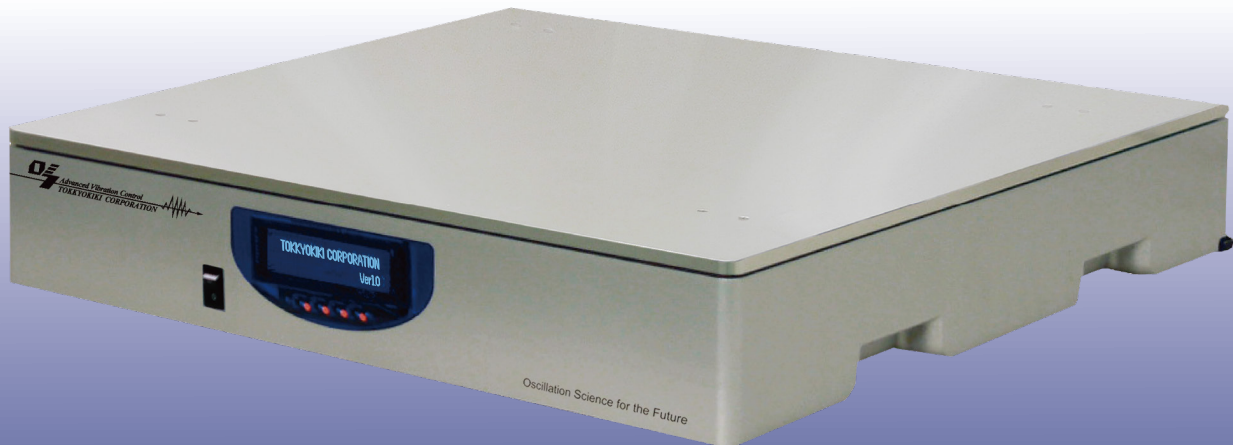
Vibration Control Technology

TOKKYOKIKI

δ TA

Desk Type Active Microvibration Isolator

δ TA has been developed by integrating vibration control technology of Tokkyokiki Corporation pioneering company of vibration isolation solution. Although it has compact body, δ TA achieves highest level of vibration isolation performance from low to high frequency. In addition, δ TA can secure excellent vibration isolation performance even higher COG position or lighter weight equipment.



- **6 DOF active control**
6 DOF active control for vertical (Z), horizontal (X, Y) and each rotational direction.
- **Vibration isolation for all frequency range from no load (0kg)**
Excellent isolation performance is achieved regardless of loading weight. (0 to 100kg balanced weight distribution)
- **Stable vibration isolation performance for higher COG equipment**
Stable isolation performance is achieved even higher COG loading equipment.
- **Auto leveling function**
COG position of loading equipment is detected during start up, and optimum balance is automatically adjusted.
- **Clean room specification**
No dust emitting material is used.
- **VFD indicator**
VFD indicator is used for better visibility. Screen ON/OFF function for darkroom use.

Level adjustment



Weight balance



Vibration Waveform Display



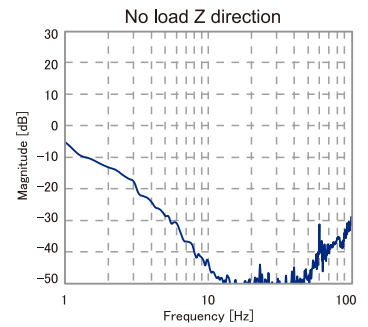
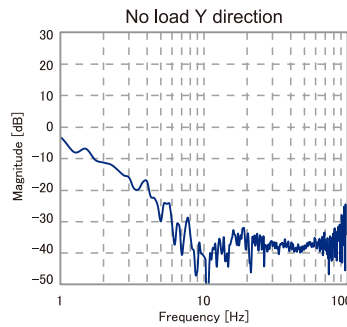
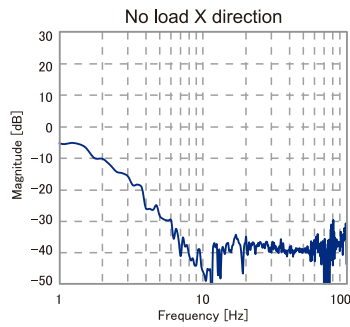
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Desk type active microvibration isolator δ TA-56

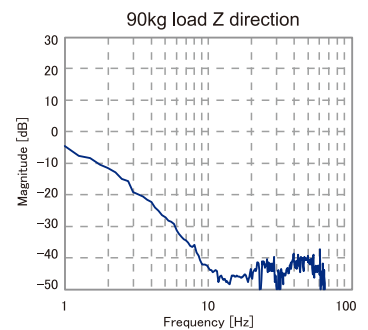
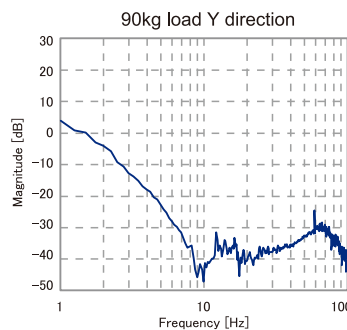
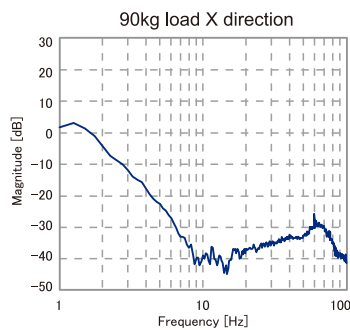
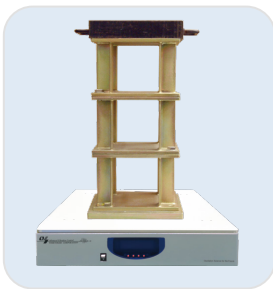
Transmissibility

Excellent isolation performance is achieved regardless of loading equipment weight and COG height.

No load



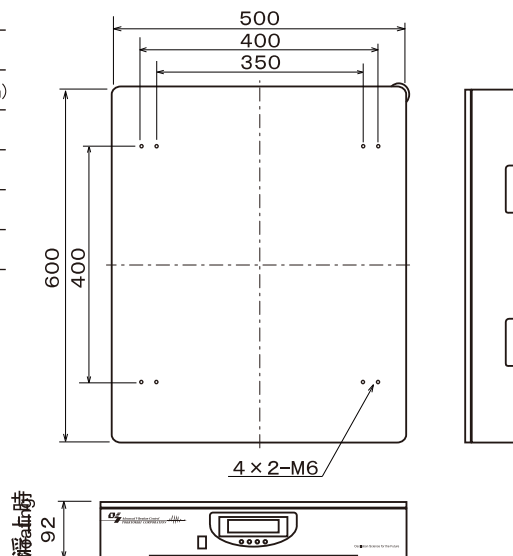
High COG



Specifications

Type	δ TA-56
Control	6DOF feedback control
Outline	500×600×92 (W×D×H mm)
Table top size	500×600 (W×D mm)
Product weight	31 (kg)
Loading weight	100 (kg)
Power supply	AC100-240V (50/60Hz)

Outline (mm)



Optional product

δ TA customized pedestal is available as optional product.



Applicable equipment

- AFM(Atomic Force Microscope)
- SPM(Scanning Probe Microscope)
- Laser Microscope
- Laser Interferometer
- Micro Rigidometer
- Other Precision Measuring Instruments



Caution for safety

- Please read the Instruction Manual carefully before use.

This catalogue is for the product as of OCT, 2021. The specification may be modified without notice.



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As for the precisionvibration isolation products, welcome to Tokkyokiki Corporation, the reliable, well experienced corporation of great achievements.

<https://www.tokkyokiki.co.jp/en/>

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