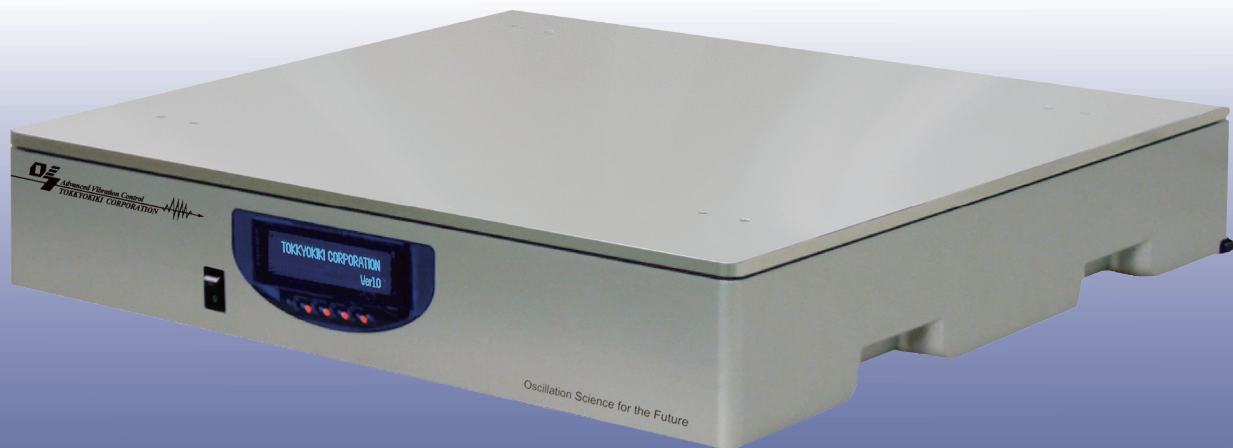




# $\delta$ TA

## *Desk Type Active Microvibration Isolator*

$\delta$ TA has been developed by integrating vibration control technology of Tokkyokiki Corporation pioneering company of vibration isolation solution. Although it has compact body,  $\delta$ TA achieves highest level of vibration isolation performance from low to high frequency. In addition,  $\delta$ 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

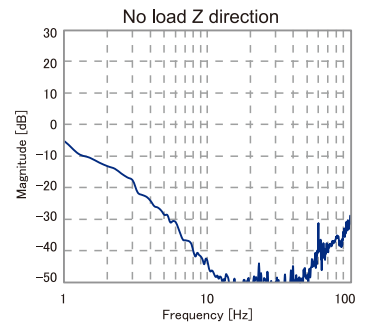
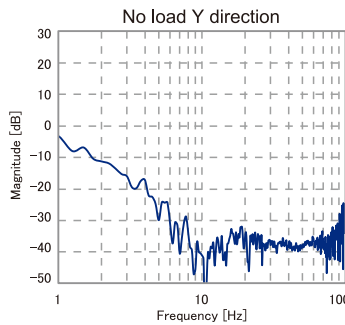
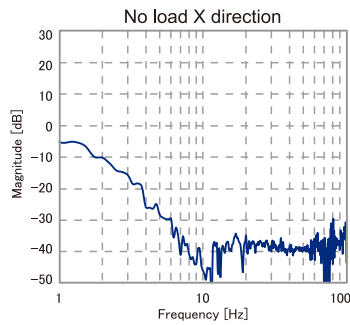


# Desk type active microvibration isolator $\delta$ TA-56

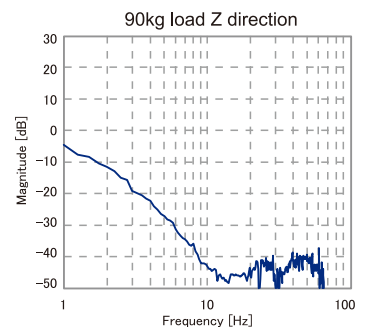
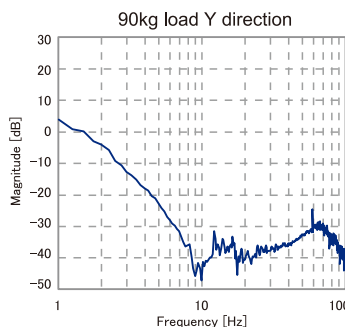
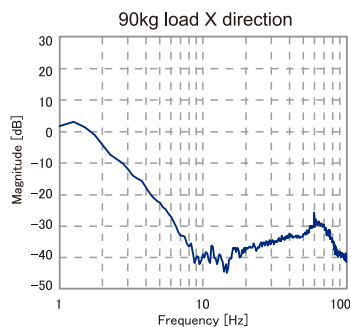
## Transmissibility

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

### No load



### High COG



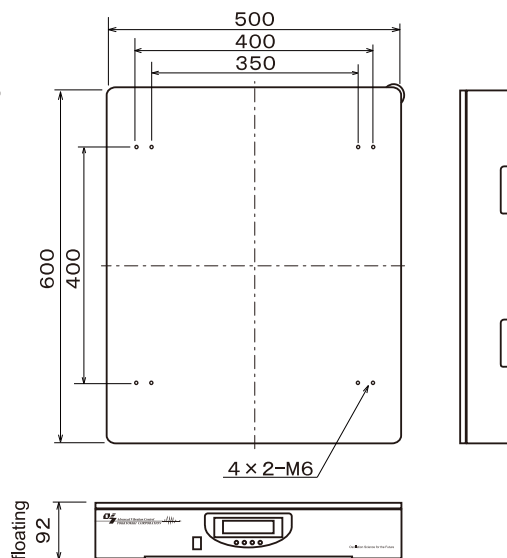
## Specifications

Type	$\delta$ 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)

## Applicable equipment

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

## Outline (mm)



## Optional product

$\delta$ TA customized pedestal is available as optional product.



## 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.



Vibration Control Technology

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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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