

# AD-1671 / AD1671A Anti-Vibration Table

## Instruction manual

### 1. Introduction

AD-1671 : Anti-vibration table for an analytical balance such as BM series.

AD-1671A : Anti-vibration table for the RV series rheometer, and the SV series viscometer.

- For safe and correct usage, read through this manual thoroughly and fully understand the contents before using the AD-1671 anti-vibration table. Incorrect usage or handling may lead to an accident.
- If you use an analytical balance or a viscometer in a room that may be exposed to vibration, we recommend using the anti-vibration table.

Causes of vibrations: distant earthquakes, seasonal winds, storms, vehicles in motion, nearby active motors, opening/closing of doors, passage of people, etc.

#### Warning Definition



**Caution**

A potentially hazardous situation which, if not avoided, may result in minor or moderate injury, or property damage.



**Caution**

- When installing the anti-vibration table, use caution as the table is heavy. To prevent personal injury, take care not to drop the table or tip the table excessively.
- To maintain the anti-vibration performance, place the anti-vibration table on the firm surface and allow sufficient space around the table so that nothing touches the table.
- Keep the center of gravity of the device loaded on the table at the center of the anti-vibration table. A positioning error will cause the table to tilt.
- Do not drag the anti-vibration table. The rubber feet may come off.

### 2. Precautions for the Device Loaded on the Table

- When heavy material is placed on the balance, it may cause the balance to tilt, resulting in a weighing error. Therefore, place the balance in the center of the anti-vibration table to maintain the level of the balance during measurement.
- Pressing the keys of the balance may tilt the table, causing a weighing error. To prevent this type of error, use the AD-8922A remote controller. Place the controller beside the anti-vibration table.

When using the rheometer or the viscometer, place the display unit beside the anti-vibration table.

### 3. Installing the Table

- Select a firm, stable and level surface to install the table. Allow sufficient space around the table so that nothing touches the table.

### 4. Maintenance

- Clean stains with a cloth moistened with a neutral detergent.

### 5. Specifications

Mass	Approx. 27 kg
Dimensions	AD-1671 : 460 (W) x 400 (D) x 71 (H) mm AD-1671A : 460 (W) x 400 (D) x 66 (H) mm
Table loading capacity	Approx. 40 kg
Material	Natural granite

- The table cannot completely eliminate all vibrations.

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