

Maelstrom Stage Manual

V1.1

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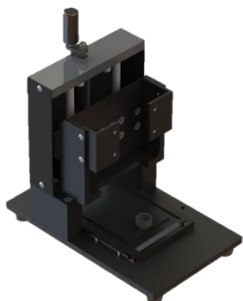
About this manual

The label on the back of the instrument, the User Manual, and other packaging material may contain the following symbols:

-  Catalog number
-  Serial number
-  Specification of fuse
-  Manufacturer
-  The date of manufacture
-  This product fulfills the requirements of the European Directive
-  In Vitro Diagnostic Medical Device
-  Consult Instructions for Use
-  Authorized Representative in the European Community
-  Caution, consult accompanying documents

1. Introduction

Maelstrom Stage (S01) is an accessory of Maelstrom 8. This device provides an efficient and comfortable operation platform for Maelstrom 8. It can hold Maelstrom 8 firmly. The height of the stage can be easily adjusted by rotating the handle. Furthermore, the slider can carry 96-well deep well plate and direct precise alignment between well position and Maelstrom 8.



Model:	Maelstrom Stage
Weight:	3.3 kg
Dimensions:	250 x 152.5 x 280 mm
Stroke:	60mm

Operation Principle

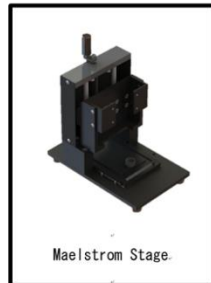
Intended Use:

- Maelstrom Stage can be used in combination with Maelstrom 8 and TANBead Nucleic Acid Extraction Kit to extract DNA/RNA from specimen.
- Maelstrom Stage can hold Maelstrom 8 for stable and convenient operation.

2. Equipment list



Machine body



Manual

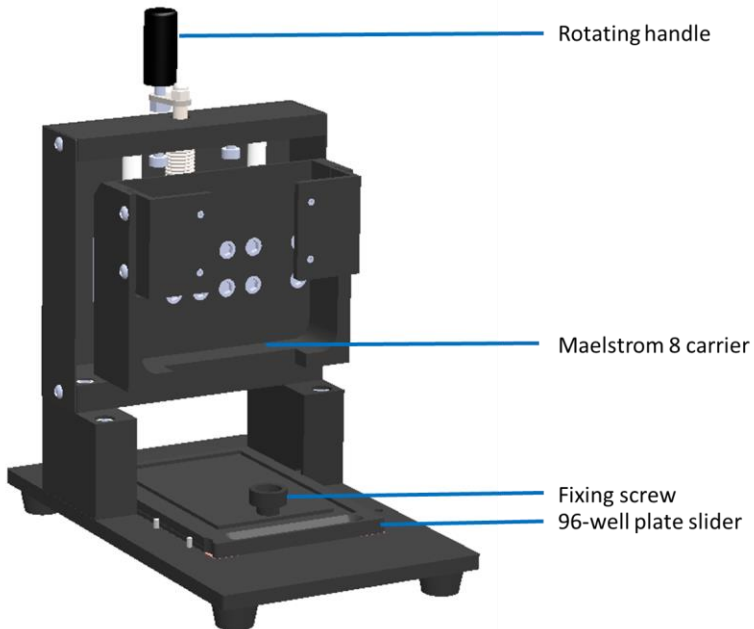


96-well plate slider



Fixing screw

3. Overview



4. Environmental Requirements

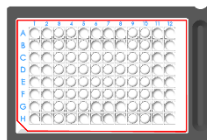
- Placed on a flat desktop

5. Safety instructions and guidelines

- This device can be used with potentially biohazardous materials. Use appropriate personal protective equipment (gloves, safety goggles, lab coat, etc.) for handling and disposing of biohazardous materials.
- This device can be hazardous due to the use of chemical and biohazardous substances.
- Users should adhere to their institutional guidelines for the handling and disposal of all infectious substances used with this device.
- It is important to clean the device after every use. If samples or reagents have been spilled, it is important to clean the instrument immediately to avoid damage or contamination of samples.
- Read this user manual in its entirety prior to operating the device. Failure to read, understand, and follow the instructions in the manual may result in damage to the device, injury to laboratory and operating personnel or poor performance.
- Do not clip your fingers while moving the slider.

Before usage

1. The position of the rotating handle is toward to left hand side.
2. Rotate the handle clockwise to move the carrier higher.
3. Remove the fixing screw on the 96-well plate slider.
4. Place the 96-well plate on the slider, and checking the relative position.
5. In case of further questions, please contact us (Tel: +886-3-3167568).



6. Functional keys

1. Set the Maelstrom 8 in the carrier.
2. Push the 96-well plate slider with the top or side groove of the slider.
3. Rotate the handle in the instruction of the rotating direction.



7. Error situation

	Description	Solution
1	Rotating the handle unsmooth or Maelstrom Stage makes annoying sound.	please contact technical support.
2	Wrong relative position of 96-well plate and Maelstrom 8.	please contact technical support.
3	Screw loose	Use the tool to make it tight, If it doesn't work, please contact technical support.

8. Cleaning and Maintenance

- It is important to clean the device after every use. If samples or reagents have been spilled, it is important to clean the device immediately to avoid damage or contamination of samples.
- Wear gloves and appropriate personal protective equipment. If the device is used with biohazardous materials, dispose of any cleaning materials used in accordance with your institutional guidelines.

9. Disposal

In case the product is to be disposed of, the relevant legal regulations are to be observed. As disposal regulations may differ from country to country, please contact your supplier if necessary. Please follow your institutional and country-specific requirements to handle the disposal of accessories. Device must be decontaminated prior to disposal.

Manufacturer



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