

INSTRUCTION MANUAL

XY MICROSCOPE STAGE STD-7050

Thank you for purchasing Microscope X-Y STAGE STD-7050.
Please read and follow the complete instruction manual before use.

APPLICATION

- Placed upon base of microscope, fine adjustment of sample horizontal and vertical position can be smoothly controlled using the adjustment dial.

NOTES

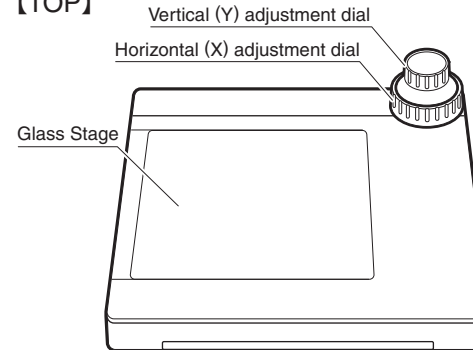
- This is a precision instrument. Avoid excessive shock or pressure when transporting and during use. Please handle with care.
- Avoid using or storing in locations where there is a lot of dust, direct sunlight, or subject to high temperatures. Please choose a location with low humidity and temperature changes.
- Glass stage can scratch easily. Wipe lightly using lens cleaning cloth only to clean.
- Water or dust entering the internal controls can cause failure. Please handle sample carefully to avoid damaging the stage.
- Do not disassemble unit.
- Do not remove screws other than removable guide mounting screws. Store in low humidity conditions to avoid rust and mold.

SPECIFICATIONS

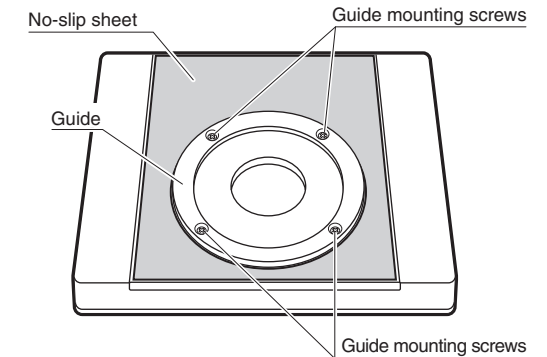
Model No.	STD-7050
Maximum sample load	1.5 kg
Dimensions	approx. 180 x 165 x 61mm (including adjustment dial)
Glass stage dimensions	96 x 116mm (Vertical x Horizontal)
Stage range of motion	50 x 70mm (Vertical x Horizontal)
Compatible microscope base	95mm
Material	Body : rolled steel, stage : glass Adjustment dial : plastic
Weight	approx. 1.55kg
Accessories	No-slip sheet (rubber)

SET UP AND PARTS IDENTIFICATION

【TOP】



【BOTTOM】 with No-slip sheet



1. No-slip sheet installation

※If No-slip sheet is required, please use pressure sensitive adhesive to apply to the bottom of the stage.

- ① Peel off the white release paper from No-slip sheet.
- ② Apply No-slip sheet to bottom of stage as shown in the illustration.

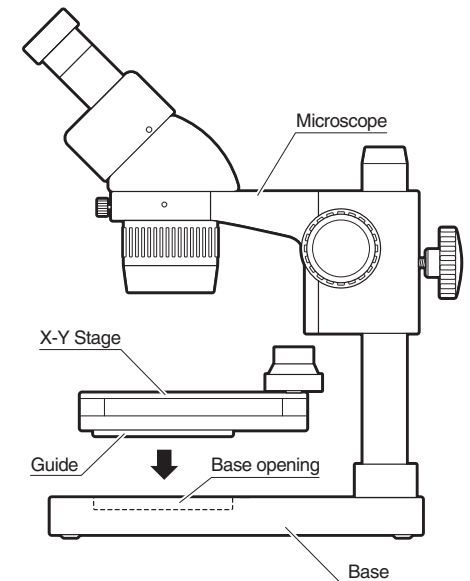
2. Installation of the X-Y Stage onto microscope.

- ① Remove specimen clips and sample plate from base of microscope.
- ② Using the guide on the bottom of the stage, set the stage into the opening in the base of the microscope.

For microscopes with non-compatible base openings

※The guide on the X-Y stage can be removed for use when the stage does not fit the diameter of the microscope base opening.

- ① Remove the guide mounting screws using a #2 Phillips driver (4 locations.)
- ② Place the X-Y Stage on the microscope base.



OPERATION

- ① Place the specimen on the stage glass.
- ② While looking through the microscope, use the adjustment dial to fine tune the sample position.

SC Niigata seiki Co., Ltd.

6-15-22, Tsukanome, Sanjo, Niigata, Japan, 955-0055
Tel. : +81-256-31-5670 Fax. : +81-256-39-7730
MAIL: intl.sales@niigataseiki.co.jp
URL <http://www.niigataseiki.co.jp>