

## Place your NMN-25 with magnet; dedicated slider base is released!

For mostly used as a stimulation side for Patch-clamp, the mechanical micromanipulator, NMN-25 requires a screw to be fixed on the Isolation table system or an iron platform, however, there is no need to use a screw any more. By using this new product; NMN-25A: Slider base enables to place the NMN-25 by magnet. In this issue, we introduce the NMN-25 once again including its new change.

### ◆NMN-25 is NOT an “ordinary” mechanical manipulator.

The vibration under a high magnified experiment such as the Patch-Clamp is undesirable when driving the tip of microelectrode. Although the motorized or hydraulic manipulators do not produce a vibration of driving achieved by the mechanism of remote control, the mechanical manipulator is not easy to avoid the vibration of rotating the control knob on the body that conducts to the electrode directly, thus the tip has to be shaken badly under the microscope.

Conventionally, a mechanical manipulator under a high magnification left out of researcher's choices, but the NMN-25 is NOT an ordinary one that is characterized by its mechanism. It absorbs the vibration of mechanical driving mechanically so that the tip with less vibration will not be a big trouble even with a high magnification. The NMN-25 is appreciated by another reason; it has a thin and compact body. On the platform of anti-vibration system, the space is limited by many instruments such as micro-fluid tubes and temperature-control devices. Taking the advantage of the compact body, the NMN-25 can be placed in a tight space, and also be useful especially for multi-stimulations by electrodes and fluid tubes.

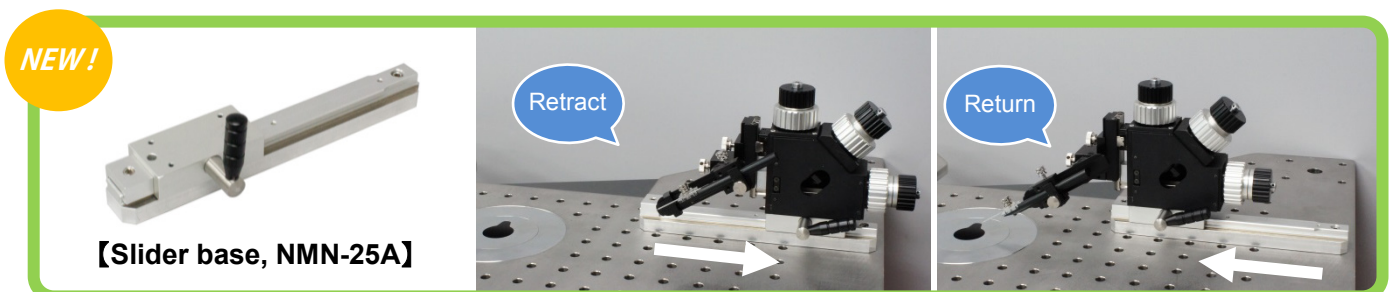
*\*\*Please access to read about the mechanism on back numbers ⇒⇒⇒ [NARISHIGE WEB NEWS No.035](#)*

### ◆Easy set-up by the magnet. Slider base, NMN-25A is released!

There is no need for looking for extra screws in your lab. Locate your NMN-25 freely by using with Slider base, NMN-25A. By its magnets on the bottom, the set-up placement is easy as ever.

As its name described, a block installed with NMN-25 can be moved back and forth on the slider. The sliding capability can be useful for a slightly positioning adjustment or retract & return procedure. (See photos below.) The placement lock can be done by lever; loosen to be moved on slider, and tighten to be fixed in position.

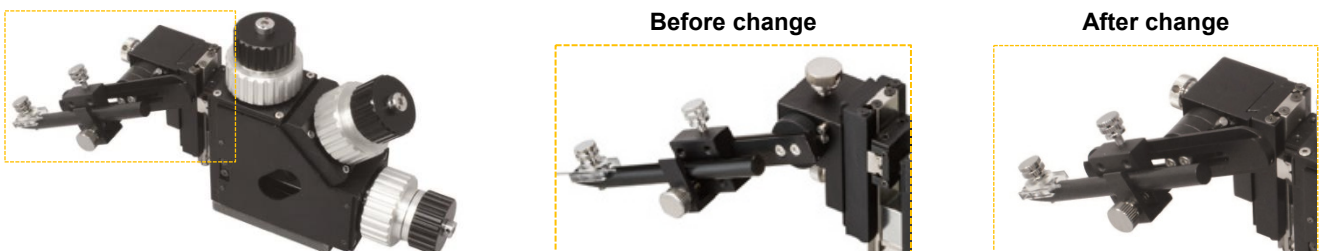
**Feel free to contact us for loaning a demo-model of NMN-25A** for users who already own NMN-25. For users who do not have the NMN-25, the set of NMN-25 and NMN-25A is also available for demo.



*\*\*The specification of NMN-25A ⇒⇒⇒ <http://products.narishige-group.com/group1/NMN-25A/electro/english.html>*

### ◆Changing electrode becomes easier by a new improvement of NMN-25.

A part of NMN-25 has been improved at the same time of releasing the NMN-25A. Refer to see photos below for the part improved (See inside of square.) The holder fixing part has a longer plate than it of before, and the plate, itself, can be changed its position. With this improvement, the retracting the whole holder fixing part can be easier and useful. Please contact us for detail.



**If you have any questions or need further information, please contact us.**