

## Simple Head Holding

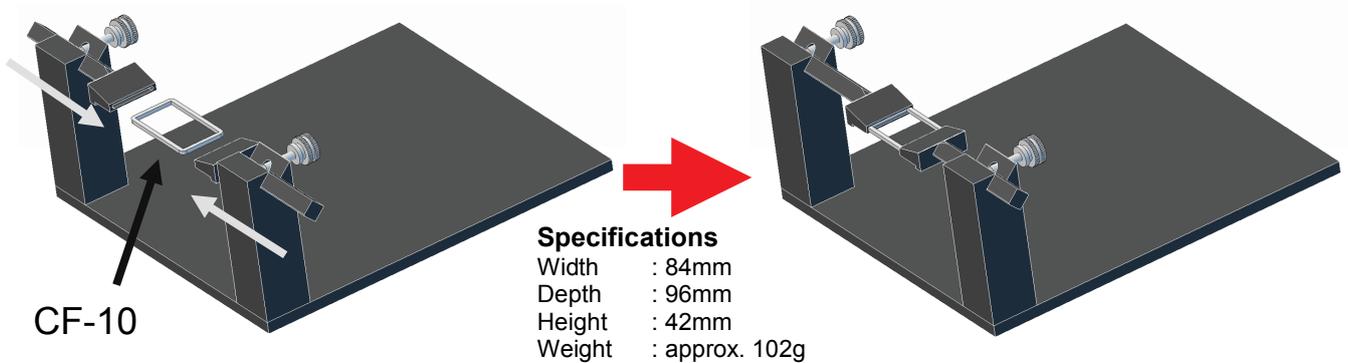
We announce that Narishige is going to release the simple head holder plate (for mice) coded MAG-1 on September 4, 2013. This device is intended to be used in combination with the new stereotaxic instrument for mice (SR-9M), designed small and light enough for various usages in imaging and observation under microscope.

This Web News discusses the MAG-1 simple head holder plate (for mice).

### Background Story of Development of MAG-1

SR-9M released on April 1, 2013 is the new stereotaxic instrument applied both the conventional three-point fixation method and the chamber frame (CF-10) which offers great flexibility to experiments. The greatest distinction is that by fixing the chamber frame after ordinary stereotaxic fixation, later fixation can be completed using only the chamber frame. Being free from ear bars and nose/mouth piece and using only the chamber frame for fixation, a less stressful condition can be maintained during microscopic observation.

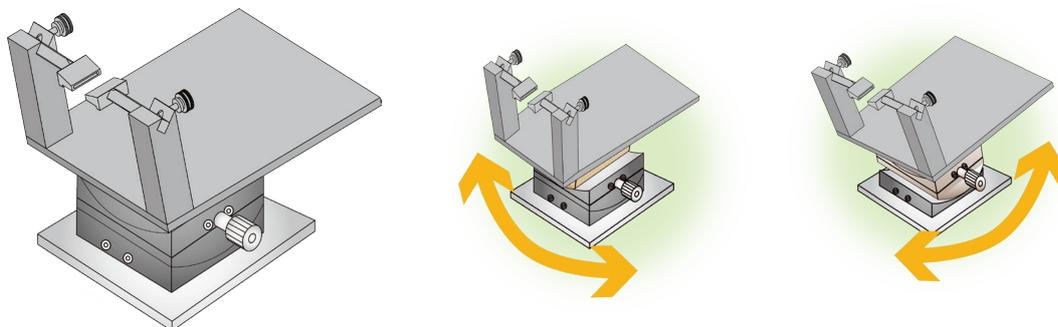
In the meantime, a lot of customers desired to perform microscopic imaging using existing instruments, but existing head holding devices and even SR-9M are still too tall or too heavy for them and not easy to handle with a microscope.



This fact led us to the development of MAG-1. MAG-1 employs a simple chamber frame fixing method, with every part of the plate reduced in size and weight. For the basic way of use, holding arms are provided to firmly hold in position the chamber frame which has been prepositioned in SR-9M. Whereby, MAG-1 has achieved the reduced size and weight to allow installation to a microscope relatively easily and also reduced cost substantially to realize a much affordable price compared to the existing head holding devices.

### Customizing MAG-1 for More Flexibility

MAG-1 is designed to be as handy as it can be mounted on a ready-made angle adjustable platform so that it can be angled under microscope to help obtain clearer and deeper image. Alternatively, it can be used for experiments in which a head should be held with a certain angle. We can also help customize MAG-1 at an affordable price. The chamber frame can be customized to a plate style. Parts for conventional three-point fixation can be customized to be integrated.



MAG-1 is small in size but holds the large potential of usage and extension.

\*1 We are glad to discuss with you about specifications and machining to provide additional fixing holes and any other helps.

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

Narishige Group Website

URL: <http://narishige-group.com>