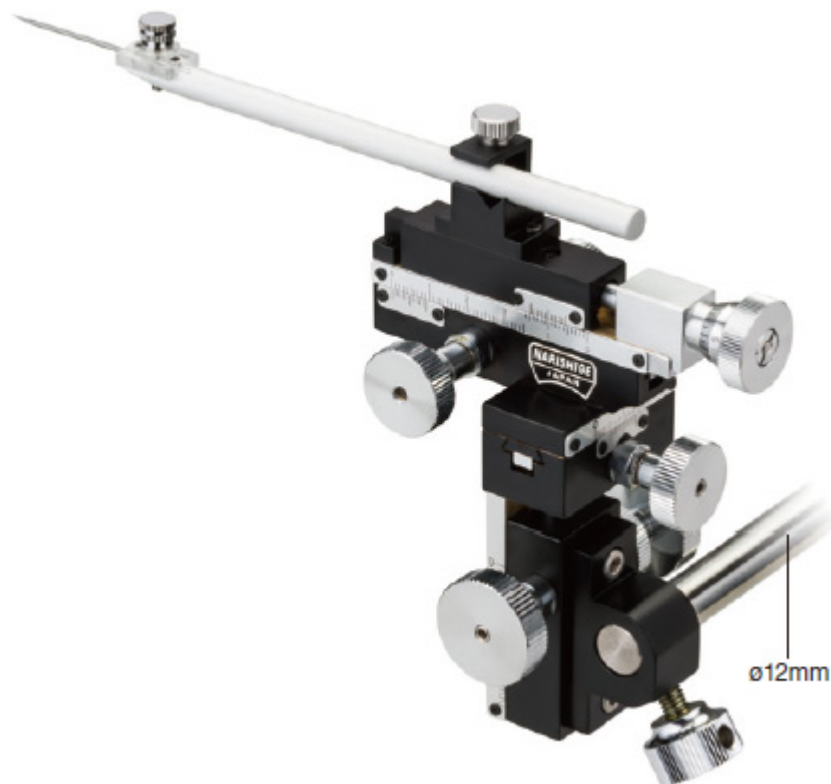


NARISHIGE

MM-3 Micromanipulator

Smooth drive and stable controls developed through outstanding technologies.

Long cherished by many pioneering users, this manual micromanipulator features a smooth drive and stable controls which are derived from advanced and successful technologies. One-axis fine movement in the same direction as the microelectrode makes it possible to approach a specimen with care and caution. The three-dimensional coarse movement handle operates via a rack & pinion mechanism, enabling the microelectrode to be placed near the specimen quickly. Handles on both sides in the X- and Z-axis make this equipment suitable for both left- and right-handed operators, and tension adjustment is also available to prevent the handle from dropping under its own weight.



- * Use GJ-8 magnetic stand (sold separately) to attach this model.
- * Using MO-10 (One-axis oil hydraulic micromanipulator, sold separately) in place of H-13 enables remote controlled fine movement in the same direction as the electrode.
- * Using MDO-84 (One-axis oil hydraulic-motorized hybrid micromanipulator, sold separately) in place of H-13 enables fine movement in the same direction as the electrode in a more precise manner.
- * Attachment to the side of microscope stage is possible by using P-1B height adjustment plate (sold separately) and a suitable mounting adaptor.



MM-3

Micromanipulator

Setting example





MM-3 + MO-10 mounting example


Specification

Accessories included		H-13 Electrode Holder Clamp Rod Hex Wrench
Movement range	Coarse	X30mm, Y20mm, Z35mm
	Fine	X7mm Full rotation of knob: 250μm Minimum graduation: 10μm
Dimensions/Weight		W105 × D70 × H145mm, 790g

System Diagram



-  refers to the model itself with standard attachments
-  refers to attachable main accessories

 refers to types of mounting adaptors

Specifications are subject to change without notice.

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