



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. If used properly, this model's smoothness and stability will remain unchanged even over several decades of use.



* Use GJ-8 Magnetic Stand (sold separately) or equivalent equipment to attach this model.

* Changing the H-13 included with the manipulator to separately sold oil hydraulic micromanipulator such as MO-10 enables remote controlled X-axis fine movement.



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Setting example

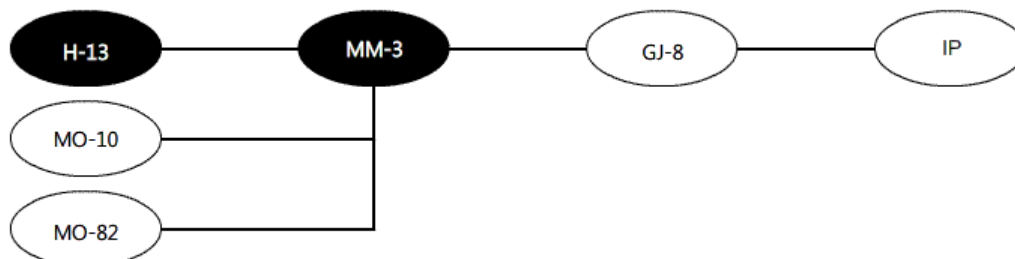


MM-3 + MO-10 mounting example

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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