

Micromanipulators

MMO-4VM Oil Hydraulic Micromanipulator

Setagaya three-axis hanging joystick oil hydraulic micromanipulator allowing smooth three-dimensional movement with a single lever

The MMO-4VM micromanipulator features an oil hydraulic joystick enabling smooth three-dimensional movement with a single lever. Conversion from right to left-hand use is no longer necessary.

XYZ control knobs firmly control of sperm immobilisation and insertion of the egg/oocyte. The universal joint UT-10 is equipped with angle gauge which enables precise positioning of the injection holder.

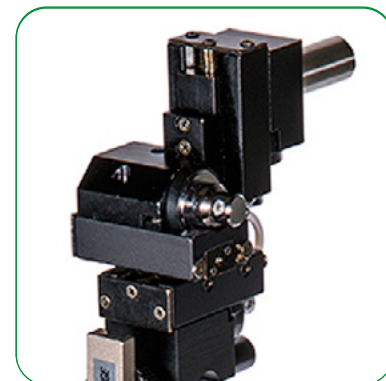
The hanging joystick enables users to manipulate comfortably with the arms and hands placed on the table. Operation is therefore done in a natural posture, and can be maintained for longer periods. Improved universal joint (UT-10) included, allows the stable and accurate attachment of a pipette.

- Ergonomic hanging joystick
- Improved joystick movement resulting in greater control
- Reduced risk of unwanted drift



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Order code	
FNHMMO-4VM	MMO-4VM Setagaya three axis hanging joystick oil hydraulic micromanipulator

Specification	
Accessories included	IP Iron plate, UT-10 Universal joint (with Angle gauge)
Movement range	Fine X10 mm, Y10 mm, Z10 mm
Full rotation of knob	250 μ m
Minimum graduation	2 μ m
Joystick (for maximum movement in X-Y plane)	2 mm
Dimensions/Weight Control unit	177 (W) \times 70 (D) \times 178 (H) mm, 1.76 kg
Drive unit	70 (W) \times 40 (D) \times 87 (H) mm, 168 g
Hydraulic tube length	0.9 m

* Injection holder (HI-9) is not included.

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