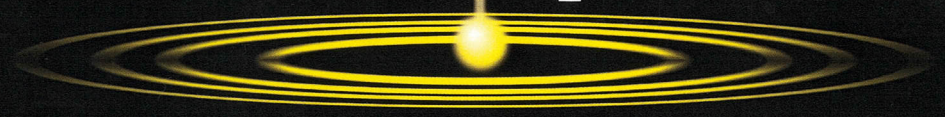


NARISHIGE
JAPAN

NARISHIGE

Craftsman for your solutions

Lock-on Optical axis



TAKANOME™ = 鷹の目 = Hawk eye

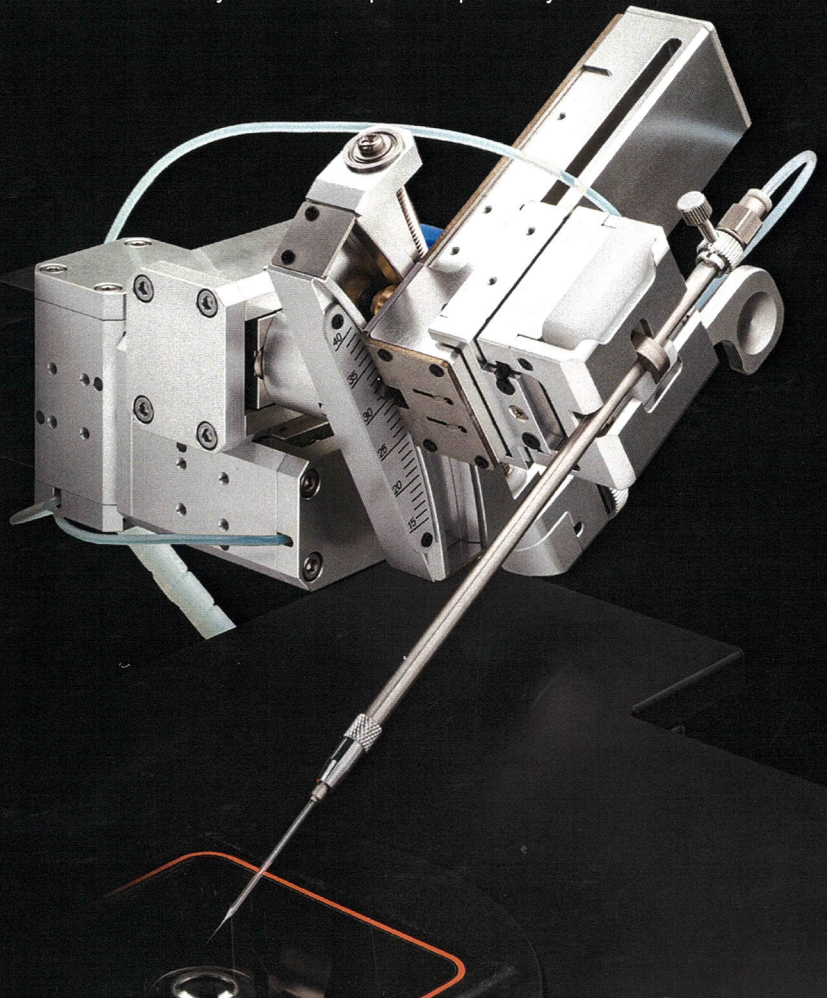
In the Japanese metaphor TAKANOME, one visualises “A hawk setting its sight keenly, locking on and swooping down to its target.”

We call this NEW manipulator TAKANOME which we designed to simply work for everybody. This metaphor describes the functionality of the manipulator perfectly.

Micromanipulator

TAKANOME™

MTK-1



PCT: International patent pending

TAKANOME™ from JAPAN

New ICSI standard
Next generation model

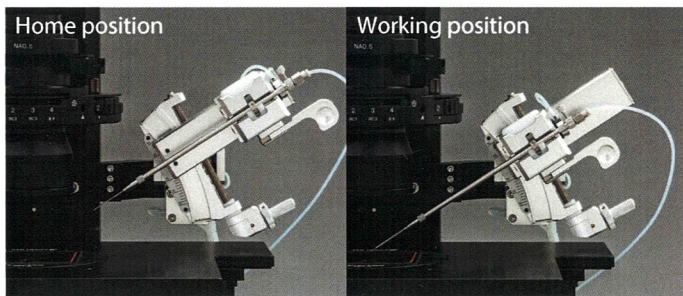
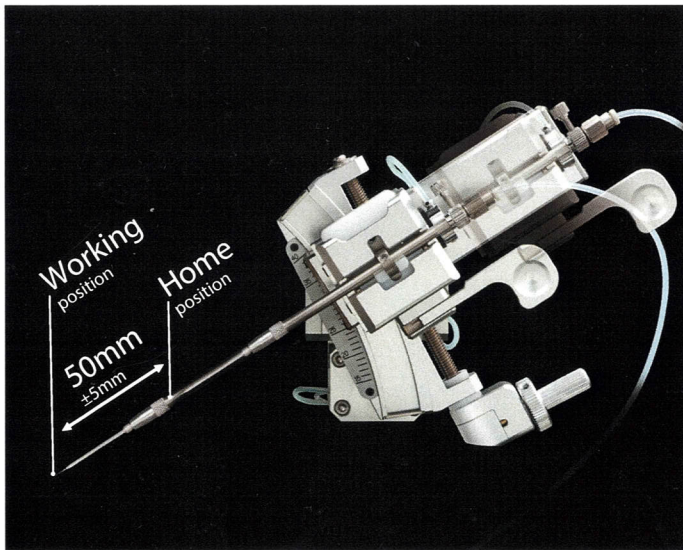
Model : MTK-1

- Fast and precise pipette setting
- Innovative angle adjustment
- Low risk of broken or out of view pipette
- 3 simple installation steps
- Improved robustness
- Renowned smooth hydraulic operation



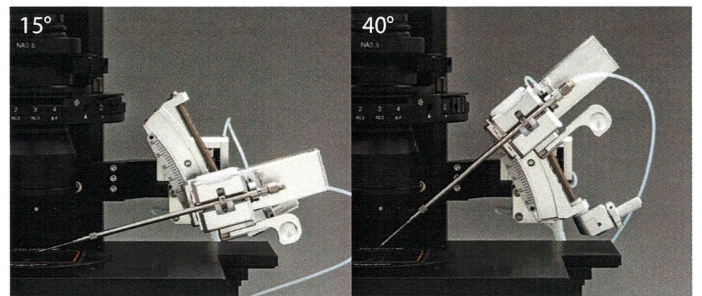
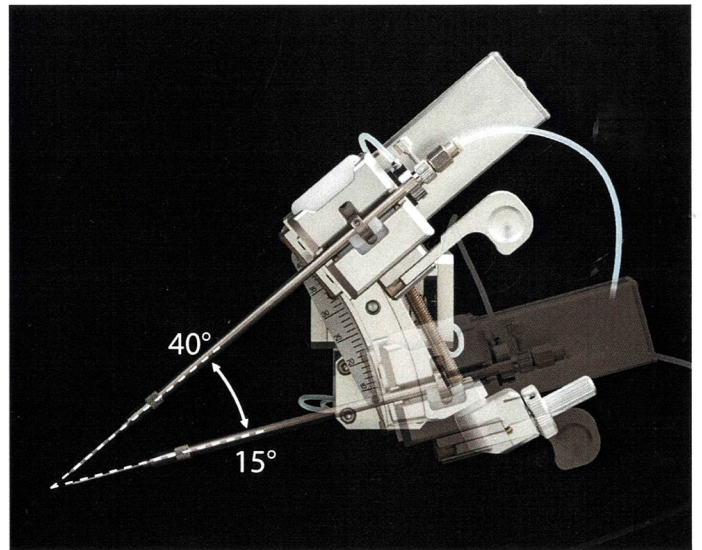
Pipette exchange

Low risk of breaking pipettes



Angle adjustment

Tip always stays in view



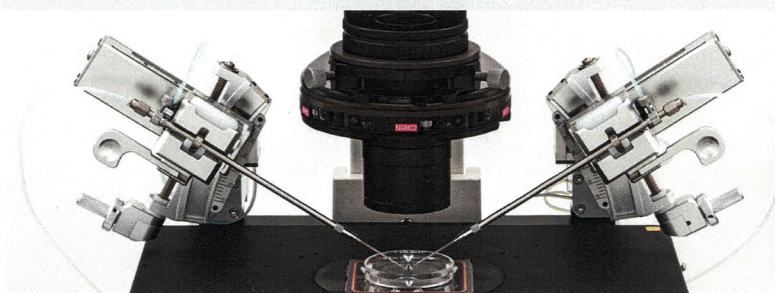
Olympus

IX70 IX71 IX73/83



Nikon

ECLIPSE TE2000 ECLIPSE Ti

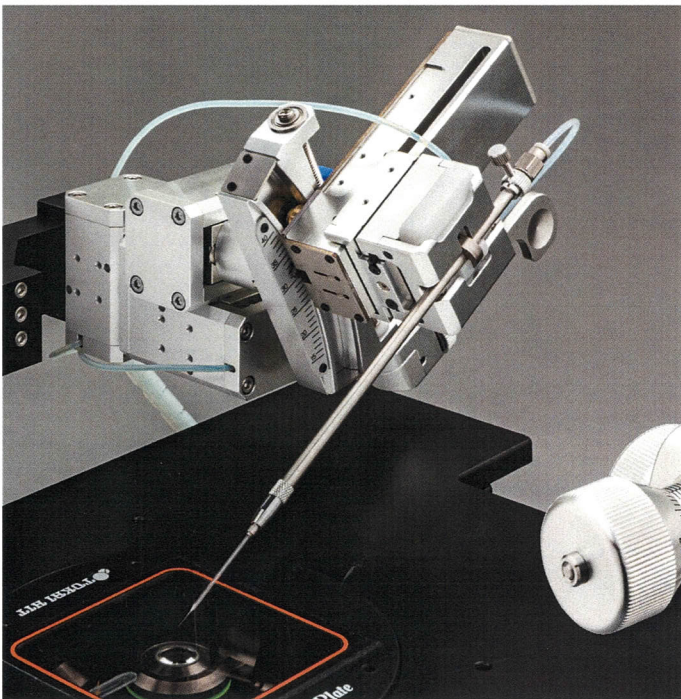


Micromanipulator

TAKANOME™

Stable and robust body

Set up and go!



Reliable and fast pipette exchange

- 1 Pull the lever to the HOME position(50mm).
- 2 Turn the T-axis knob to upper limit(10mm).
- 3 Take out the holder, Insert the pipette, put the holder back.
- 4 Press the WORKING/RETURN button.
- 5 Move the pipette tip to the field of view with T-axis knob.

3 simple installation steps

- 1 Set mounting adaptor.
- 2 Install the drive units on the mounting adaptor.
- 3 Set the gauge, check the centre of the field of view.

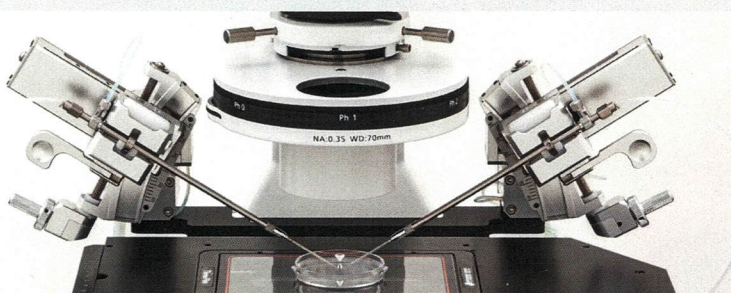


Traditional Hydraulic Joystick

Smooth response and reaction

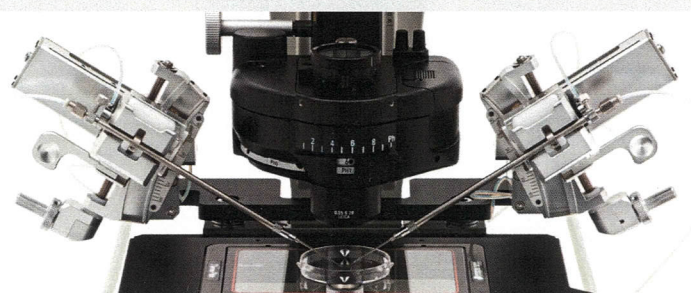
Carl Zeiss

Axiovert 200 Axio Observer Axio Vert.A1



Leica

DMI 3000B/4000B/6000B DMI8



Clean and simple, motor-less design.
Combine with our AIR injector IM-11-2 for maximum convenience.

Model: MTK-1-**



Micromanipulator
TAKANOME

* Injectors are not included.

Model: IM-11-2

- Optional AIR injector IM-11-2 is also available.
- AIR injector is suitable for holding and injection.



Contents:

- Drive unit x 2
- Control unit x 2
- Mounting adaptor
- IP x 2
- Anchor x 2
- Positioning gauge

Specification:

Description	Four-axis Hanging Joystick Oil Hydraulic Micromanipulator						
Model	MTK-1-** ..select model based on your microscope (see table below)						
Dimensions / Weight							
Control Unit	W : 86mm	D : 230±5mm	H : 151~171mm	Weight : 1,895g			
Drive Unit	W : 108~138mm	D : 150±5mm	H : 100~150mm	Weight : 818g			
Drive method							
	Method	Range	Operation	Full rotation	Angle		
X	Oil	10mm	X and Y joystick control	knob	250 μm		-
Y	Oil	10mm		knob	250 μm		
Z	Oil	10mm	knob	250 μm			
T (Pipette holder)	Oil	10mm	knob	1,000 μm	15~40°		
	Mechanical	50mm	Lever control (up⇔Down)			-	

Microscope compatibility table (**select model based on your microscope)

Model	Microscope	Olympus	Nikon	Carl Zeiss	Leica			
MTK-1-**	O1	IX-70	N1	Z1	L1	DMI3000B/4000B/6000B		
	O2	IX-71					ECLIPSE TE2000	Axiovert 200
	O3	IX-73/83					ECLIPSE Ti	Axio Observer
				Z2	L2	DMi8		

Specifications are subject to change without notice.



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