

Manipulator Systems recommended for Microinjection into Suspended Cells (ICSI, transgenics, etc.) for use with Carl Zeiss Models Axio Observer / Axiovert200

*Designed to be compact and thus suitable for use with the latest models of inverted microscopes, these manipulator systems provide wide and uncluttered working space on the microscope stage without sacrificing operability.

*Comes standard with a suitable mounting adaptor for Carl Zeiss Axio Observer / Axiovert200.

*Two types to choose from, depending on your intended application: Model NAI-2Z with Motorized Coarse Control and Model NAI-3Z with Manual Coarse Control.

Motorized Control + Oil Hydraulic Control

NAI-2Z

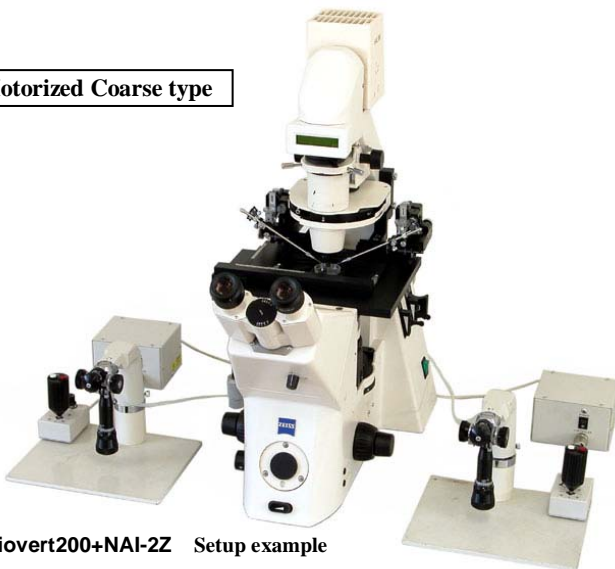
A three-axis motorized unit and a three-axis oil hydraulic unit have combined to make a system that allows you to operate in three dimensions remotely at your fingertips for providing both coarse and fine control.

Manual Control + Oil Hydraulic Control

NAI-3Z

A three-axis manual unit and a three-axis oil hydraulic unit have combined to make a system that allows you to perform microinjection into suspended cells in a simple and inexpensive manner.

Motorized Coarse type



Axiovert200+NAI-2Z Setup example

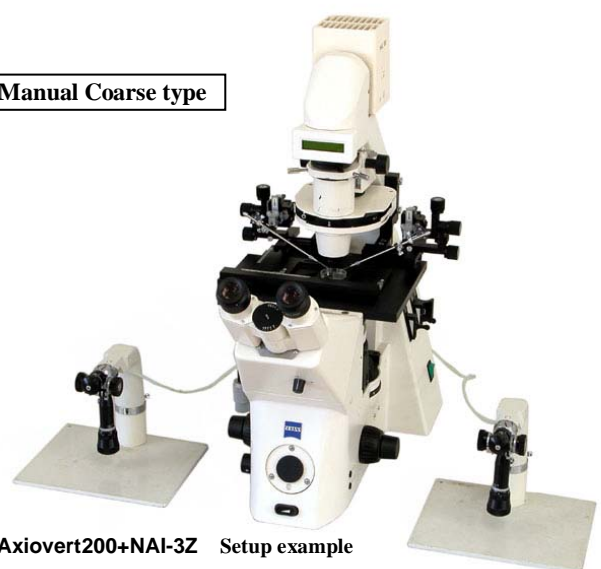
Configuration:

Three-axis Joystick Oil Hydraulic Micromanipulator×2
Mounting Adaptor

Specifications:

Coarse movement : 22mm
Fine movement : 10mm One full turn of knob : 500um
Minimum graduation : 4um
Maximum working range in the X-Y plane by a joystick maneuver : 2mm

Manual Coarse type



Axiovert200+NAI-3Z Setup example

Configuration:

Three-axis Joystick Oil Hydraulic Micromanipulator×2
Mounting Adaptor

Specifications:

Coarse movement : 30mm
Fine movement : 10mm One full turn of knob : 500um
Minimum graduation : 4um
Maximum working range in the X-Y plane by a joystick maneuver : 2mm

*Please be aware that these manipulator systems are intended for exclusive use with Carl Zeiss Microscope Models Axio Observer / Axiovert200 and come with a mounting adaptor designed specifically for these microscope models.

*Intended exclusively for microinjection into suspended cells, these manipulator systems are available only in pairs (right and left).

*Setting up has never been easier.

*In the event that your microscope model Axio Observer/Axiovert200 is provided with a motor-driven stage, please contact us in advance.