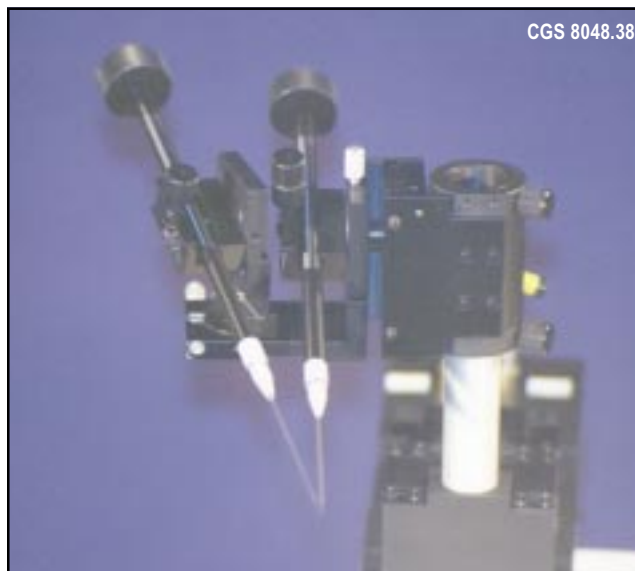


## Lever Action Micromanipulator



### Axial Drive Double Toolholder

The axial drive double toolholder offers geared independent movement of both microtools in every axis. It has been described as the most simple and effective double toolholder currently available.

Catalog No.	Product
CGS 8048.38	Axial Drive Double Toolholder

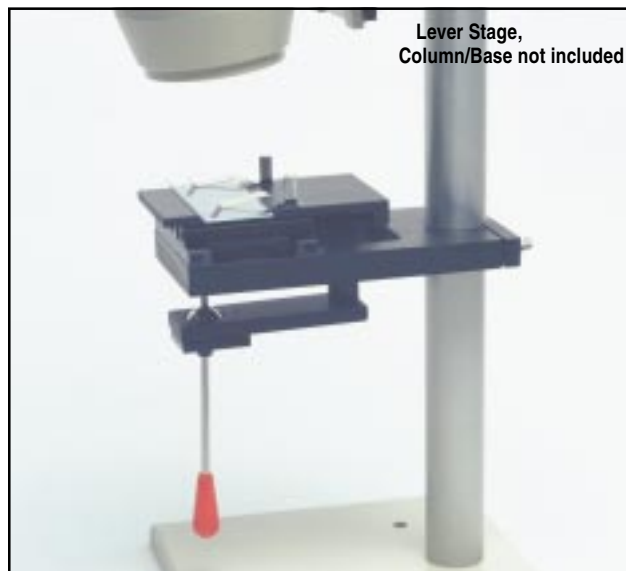
### Fixed Stage

This fixed stage is a vital part of the lever action micromanipulator and variable reduction lever stages.

These systems will only mount to this fixed stage and not to any other type of stage. The fixed stage is not cast but machined from a single piece of alloy metal to offer maximum stability for micromanipulation. A number of different types of micromanipulators can be mounted on this fixed stage as well as the variable reduction lever stages.

A variety of fixed stages are available for different types of microscope models. When placing your order you must specify which type of microscope the RIFS will be used on.

Catalog No.	Product
CGS 8049.38	Fixed Stage



### Lever Stage

This lever action stage provides an ideal platform for holding and positioning specimens horizontally in the field of view of any microscope that can be mounted to a 25.0 or 25.4 mm column. This horizontal movement is provided by the operation of just one control lever.

- Lever stage allows one hand control of both horizontal axes
- Lever stages can be operated more rapidly than conventional screw actuated stages
- Simple and easy to use

Lever stages can be operated much more rapidly than the conventional screw actuated variety. This is because levers are inherently faster and more natural, and because only one lever is required for both X and Y movements. Lever operation is invaluable for rapid location of random features. This lever stage has been designed so that simple direct operation is achieved without movement reversal – hand and stage move in unison. Precision crossed-roller slides are employed for all linear movements and for rotational movements, lubricated-for-life bearings are fitted. These design features result in smooth accurate movement and long maintenance-free life. The stiffness of all levers is adjustable by means of three screws in the spherical bearing retaining plate. A standard lever stage is supplied with retaining clips for glass microscope slides. It easily mounts directly onto columns of 25 or 25.4 mm diameter. Vacuum chucks are available to fit onto the top-plate of the stage. Additional options include temperature control.

### Specifications

Travel, XY	25 mm
Positioning Accuracy	25 $\mu$ (0.025 mm)
Reduction Ratio	5:1
Weight	350 g (12.3 oz)

Catalog No.	Product
CGS 8050.38	Lever Stage
CGS 8051.38	Tool Tip Positioner
CGS 8052.38	Reference Electrode Positioner
CGS 8053.38	Bath Drain with Z-Axis Actuator