


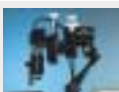


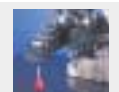




Micromanipulator Selection Guide

Manipulator Selection Guide Chart								
Ratio Adjustment	Coarse Movement		Fine Movement		Mounting	Features/Options	Catalog No.	
	Travel	Resolution	Travel	Resolution				
Motorized Manipulators								
	–	–	–	25 mm max	0.1 µm	7.62 mm (0.3 in) Mounting Rod	Servo-Controlled Up to 4 Channels	CGS8995.75 CGS8996.75
	–	–	–	10 mm max	0.5 µm	7 mm Clamping Bolt Parallel to Working Axis	DC Motor-Controlled	CGS8997.75 CGS8998.75
	–	–	–	25 mm max	1 µm	12 mm Clamping Fitting, 10 mm Clamping Width	DC Motor-Controlled	CGS8999.75 CGS9000.75
	–	X: 40 mm max, Y, Z: 25 mm	X, Y, Z: 100 µm	X: 2 cm max	X: 2 µm	10, 12 mm, 0.5 in Rod Clamp Tilting Base	Notebook Micro-Controller Remote Keypad Control	CGS9001.75 CGS9002.75
	–	X: 37 mm max, Y, Z: 20 mm max	X, Y, Z: 100 µm	X, Y, Z: 100 µm	X, Y, Z: 0.5 µm	10, 12 mm, 0.5 in Rod Clamp Tilting Base	Joystick or Push-Button Controller	CGS9003.75 CGS9004.75
	–	–	–	X, Y: 25 mm max	X, Y: 1 µm	Integrated 25° Tilting Base	Velocity of Up to 36 mm/sec, 40,000 Steps per Micrometer Revolution	CGS9005.75 CGS9006.75
	–	–	–	X, Y, Z: 25 mm max	X, Y, Z: 1 µm	Integrated 25° Tilting Base	Velocity of Up to 36 mm/sec, 40,000 Steps per Micrometer Revolution	CGS9007.75 CGS9008.75
Mechanical Lever Action Manipulators								
	X, Y, Z: 10:1	–	–	X, Y, Z: 10 mm	X, Y, Z: 25 µm	Mounting Base	3, 6 and 12 mm Tool Holder	CGS9009.75
	XY: 100:1 to 500:1	–	–	0.75 to 0.15 mm	2.5 to 0.5 µm	Microscope Fixed Stage Mount	Axial Drive Single or Headstage Tool Holder	CGS9010.75
	XY: 25:1	4 mm	10 µm	–	–			
	Z: None	–	–	0.5 mm	0.35 mm/rev			
	XY: 5:1	–	–	XY: 25 mm	25 µm	Clamp for 25.4 mm Column	Microscope Slide Stage Plate	CGS9011.75
	XY: 4:1 to 10:1	32 to 11 mm	30 to 15 µm	–	–	Microscope Fixed Stage Mount	Warm or Cooled Inserted Stage	CGS9012.75