



## Manual Micromanipulator MM 33

### Specifications

Travel range	X-axis: 37 mm
	Y-axis: 20 mm
	Z-axis: 25 mm
Fine adjustment	10 mm
Material	aluminium
Surface	anodic coating, black lacquered
Weight	approx. 650 g

### Order Information

Model	Accessory	Order No.
MM 33 right	clamp 1/2"	00-42-101-0000
MM 33 left	clamp 1/2"	00-42-102-0000
MM 33 right	clamp Ø 10 mm	00-0042-0108-0000
MM 33 left	clamp Ø 10 mm	00-0042-0118-0000
MM 33 right	clamp Ø 12 mm	00-0042-0128-0000
MM 33 left	clamp Ø 12 mm	00-0042-0138-0000
MM 33 right	tilting device	00-42-103-0000
MM 33 left	tilting device	00-42-104-0000

### Product Features

- ▶ manual movement in 3 axes (XYZ)
- ▶ control knobs mounted in line on the rear of the micromanipulator
- ▶ several micromanipulators can be set up side by side
- ▶ coarse adjustment with 0.1 mm reading accuracy
- ▶ fine adjustment by micrometer screw with 0.01 mm reading accuracy
- ▶ optional Z-axis stop avoids lowering of the micromanipulator (drift) when working with weighty loads

### Accessories<sup>1</sup>

Z-axis stop, Order No.: 00-45-201-6000  
 Magnetic stand M1, Order No.: 00-49-901-6000  
 Magnetic stand M2, Order No.: 00-49-902-6000  
 Tilting device, Order No.: 00-49-903-6000

