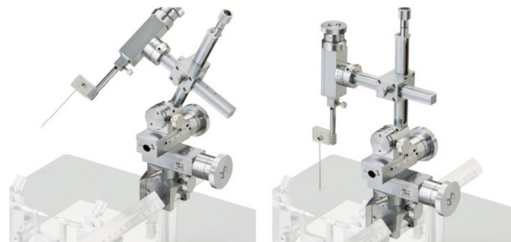


SM-11

Stereotaxic micromanipulator

Versatile micromanipulator.

This is the most popular micromanipulator for stereotaxic instruments, and is attached to AP frame bar of the instrument when in use. A coarse movement unit with a long working range is attached to the Z-axis, while units for fine movement adjustment are mounted on each individual axis. These fine movement units have scales with minimum increment of 10 μ m (i.e. the total of a single rotation, 500 μ m, divided by 50), so that precise adjustments of only 10 μ m are possible. In addition, the Z-axis fine movement unit has a sliding mechanism, which enables approximate positioning of the X-axis. A rotation mechanism is equipped for each of the XY, XZ and YZ planes, which allows approach from any required tilting angle. Easy-to-use scales are provided wherever necessary, for operations following a brain chart. Overall, this micromanipulator is simple to use and meets a wide variety of applications.



| | | |
|-----------------------------|---------------|---------------------------------------------------------------------------------------------|
| Accessories included | | Dedicated Electrode Holder (for \varnothing 1mm) Trim Screw |
| Movement range | Coarse | Z60mm |
| | Fine | X30mm, Y30mm, Z30mm Full rotation of knob: 500 μ m Minimum graduation: 10 μ m |
| Dimensions/Weight | | W150 \times D104 \times H225mm, 1.75kg |