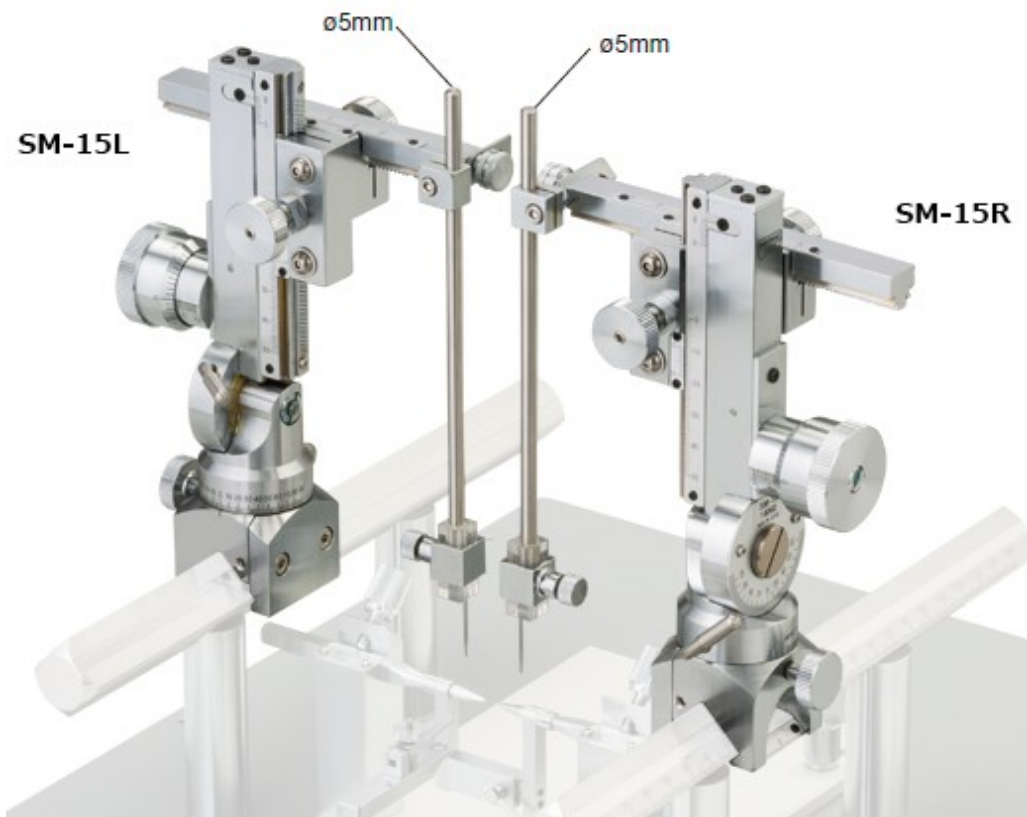


# SM-15R/L

## Stereotaxic Micromanipulator

### Micromanipulator with excellent versatility.

A coarse movement unit with a long working range is attached to X- and Z-axis respectively. The latter also has fine movement unit attached, which is most important. The fine movement knob positioned at a height with ease of use permits isolation from vibrations in operation. Rotation mechanisms are employed for the vertical and horizontal directions, enabling easy approach from any required tilting angle. The dedicated electrode holder can be replaced for an injector using its attachment.

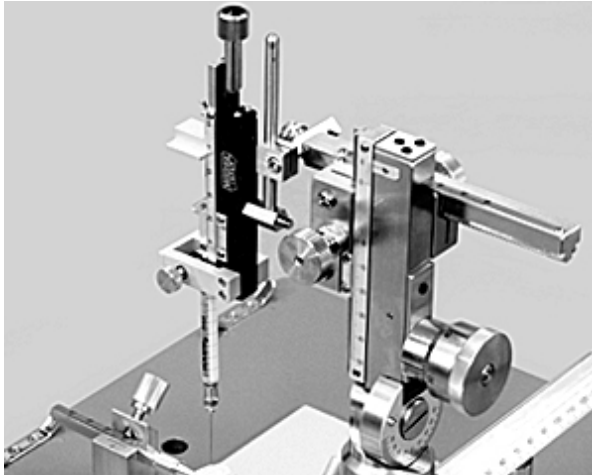


\* Select SM-15R / SM-15L for right-handed / left-handed operation respectively.

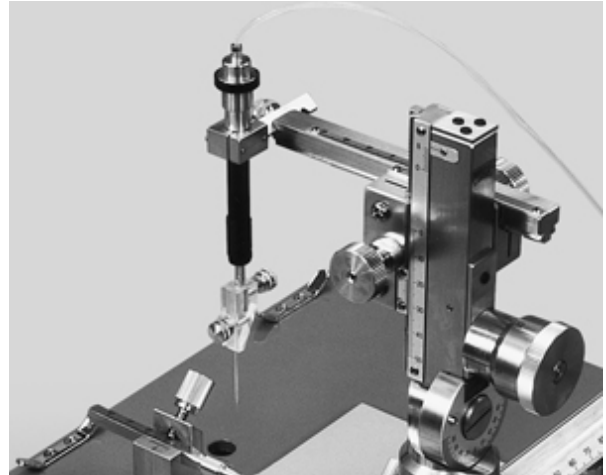
# SM-15R/L

## Stereotaxic Micromanipulator

### Setting example



SM-15R + IMS-3



SM-15R + SM-15A + MO-10

### Attachments (sold separately)

#### SM-15A: Attachment

Dedicated attachment SM-15A is required when attaching MO-10 / MO-82 / IMS-20.



\* SM-15A:  $\phi 8$ mm inner diameter

#### SM15B: Holder attachment

SM-15B enables attaching a  $\phi 3\sim 6$ mm holder (bar) to SM-15R/L; which is most suitable for a  $\phi 4$ mm injection holder.



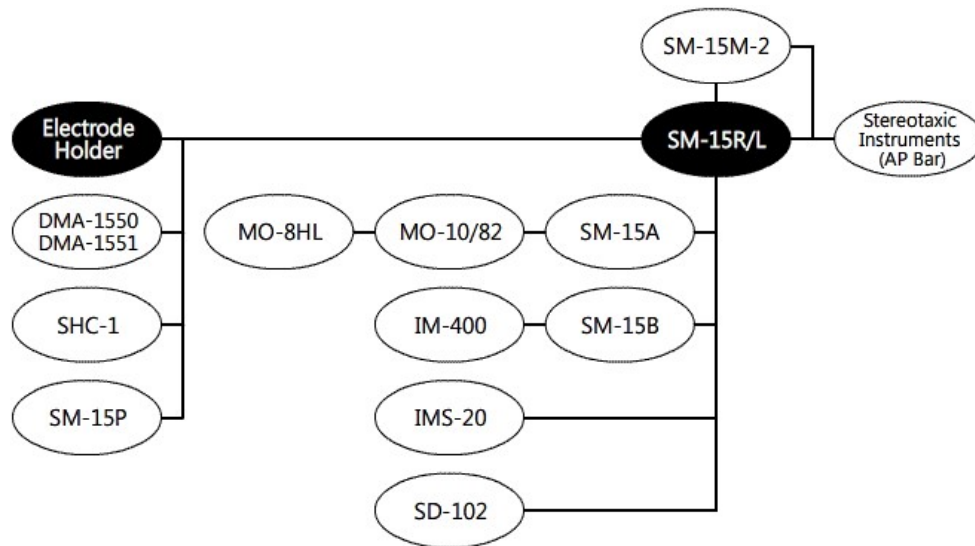
### Specification

<b>Accessories included</b>		Dedicated Electrode Holder (for both $\phi 0.5$ mm and $\phi 1$ mm) Hex Wrench
<b>Movement range</b>	<b>Coarse</b>	X60mm, Z50mm
	<b>Fine</b>	Z8mm Full rotation of knob 500 $\mu$ m Minimum graduation 10 $\mu$ m

**Dimensions/Weight**

W120 × D75 × H180mm, 1.25kg

## System Diagram



- refers to the model itself with standard attachments
- refers to attachable main accessories
- refers to types of mounting adaptors

Specifications are subject to change without notice.

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