

NARISHIGE

IMS-30

Motorized Stereotaxic Microinjector

All you need to do is only 3 steps to complete the setting. Simple designed and easy-to-use motorized injector for intracerebral injection.

Frequently used syringe data (Hamilton, inner diameter and volume) are preset. The input operation is very easy to complete: select the syringe to use, enter the injection volume and time. The flow-rate is automatically calculated and displayed from the entered value. The digital display shows the injection status at a glance. All operation keys can be operated intuitively by icons based on easy-read size and layout. A connection bar is included for attaching it with stereotaxic micromanipulator. Depending on the orientation and position of injector, the mounting method is selected from two ways of using the bar: by a screw-in or a newly added mounting bracket. By adopting a large retainer for plunger button, it enables easier fixation even if the plunger is thin, and finally the syringe can be held with a flip of dedicated retainer.



- * Syringe, stereotaxic instrument, and stereotaxic micromanipulator are sold separately.
- * IMS-30 is recommended to use with SMM series; robust micromanipulators.
- * By using the Connecting Cable 7m (for MD system) MD-DCE-7, the distance between the control unit and the drive unit can be changed to 7m.



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Hamilton's Syringe Reference Table

No.	Inner Diameter	Volume	Hamilton's syringe code
1	0.103mm	0.5μl	7000.5
2	0.146mm	1μl	7001, 7101
3	0.206mm	2μl	7002, 7102
4	0.330mm	5μl	7105
5	0.343mm	5μl	75
6	0.461mm	10μl	1701
7	0.485mm	10μl	701
8	0.729mm	25μl	702, 1702
9	1.030mm	50μl	705, 1705
10	1.458mm	100μl	710, 1710
11	2.304mm	250μl	725, 1725
User	Direct Input	Direct Input	Syringes by the other maker

* The parameters of Hamilton syringes shown above are preset in the reference table.
* Inner diameter and volume of syringe can be input directly for using other syringes not prepared in the reference table.



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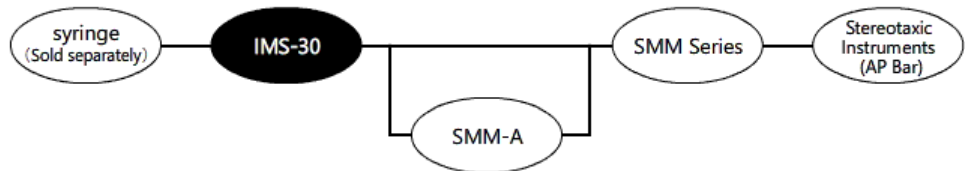
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Specification

Accessories included		Power Cord (1.5m) Connecting Cable (1.5m) Dedicated screw (for attaching manipulator) Hex wrench × 2 Spare fuse (inside of fuse holder)
Drive source		5-phase Stepping Motor
Movement range		60mm
Working voltage		AC100V ~ 240V, 50/60Hz
Power consumption		15W
Dimensions/Weight	Drive unit	W47.5 × D82.5 × H156.5mm, 456g
	Control unit	W180 × D260 × H95mm, 2.5kg

* Syringes with 6.5 mm OD, less than 9 mm OD can be installed with IMS-30, not available from Narishige. Please purchase it separately.

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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