

RWD

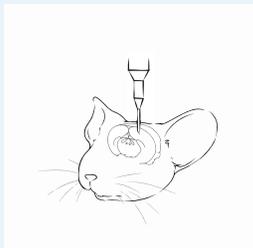
AUTOMATED STEREOTAXIC INSTRUMENT Stereotaxic Instrument



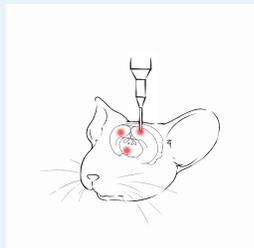
Product Introduction

71000 is an automated and intelligent stereotaxic instrument with high precision (1 μm). The software has built-in rat and mouse brain atlas and automatic procedures (skull window, tissue removal and automated injection procedure), which can be observing the position of the probe relative to the brain area is convenient and efficient, and the operation is easy to use, greatly reducing the errors and damage caused by manual operation. In addition, it has an anti-collision function to prevent animal damage caused by wrong movement, which is safer.

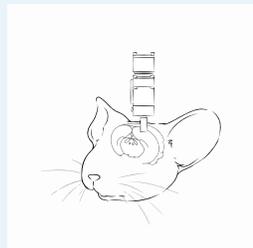
Application Scenario



Small Nuclei Injection



Mutil-point Injection



Calcium Imaging



Positioning Implant

Features



Precision

- 1 Micron resolution
- Motor instead of manual, precise control of displacement.



Efficient

- Two-arm operation, Time-Saving
- Small experimental error, high repeatability, avoid repeated experiments



Precise Positioning Without Leveling

- Atlas Calibration Function



Tiltable Injection

- Manipulators Tilt Function, no need to manually calculate the positioning path



Brain Atlas Integration

- Visualization of probe displacement.



Rich Functions

- Convenient and efficient
- Automated procedures such as Skull Window, Tissue Removal, and Automated Injection Programs.

configuration list

Category	Model	Product Description
Stereotaxic host (without accessories)	71001-S	Left manipulator and nanoliter injection pump included
	71000-S	Left manipulator
	71001-D	Two manipulators and nanoliter injection pump included
	71000-D	Two manipulators
Required accessories (optional)*	71000-LT	Laptop for Automated Stereotaxic Instrument (software included)
	68201	Standard holder
	68021	Rat adaptor
	68301	Rat 18° ear bars
	68055	Mouse adaptor
	68306	Mouse 60° ear bars
	68063	Rat rotation adaptor
Other accessories and related products (optional)	68065	Mouse rotation adaptor
	78001	Microdrill
	78040	Drill Bits HM1005 0.5mm, Round Tip, pkg of 5**
	78042	Drill Bits HM1005 0.8mm, Round Tip, pkg of 5**
	68605	Microdrill holder
	TRA-220	Tissue Removal Optional Kit (220V)
	TRA-110	Tissue Removal Optional Kit (110V)
	GC-3.5	3.5-inch (8.89cm) glass capillary
	GC-7	7-inch (17.78cm) glass capillary
R480-SM	Sealing material	

*Choose the appropriate ear bars and adaptor according to the experimental animal, the host does not come with standard accessories. **Indicates that other specifications can be selected, which can be viewed from the product catalog of RWD.

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