

RWD

Rotational Digital Stereotaxic Instrument



The 69100 series Rotational Digital Stereotaxic can adjust skull level and align sagittal suture quickly and accurately, and the time of skull adjustment is greatly shortened without repeated fixation.

Features

- Precise rotation adaptor can adjust skull position in 3 dimensional space, to maximize the adjustment of horizontal degree and the midline alignment.
- The axis of the rotation adaptor is focused on the crossover point of the Centering Height Gauge, the 40X Center Magnifier assists in adjusting the Bregma to coincide with this point and there is no need to set Bregma repeatedly.
- Improve the efficiency of skull horizontal adjustment, and the adjustment process needs no repeated fixation.
- The 40X Centering Magnifier and the Alignment Indicator assist the skull adjustment, achieving high horizontal degree and good repeatability.
- Contain an anesthetic mask that can be used with inhaled anesthetics to reduce animal mortality.
- Easy realization of 3D multi-angle fixation, easy to tilt injection or other special experiment treatments.

Order Information

Cat No.	Product Description	Remark
69104	Rotational Digital Stereotaxic Instrument for mouse, SGL M, 69110 Adaptor Incl.	Standard configuration, contains 69110 Mouse Anesthesia Adaptor with Tubing, 69113 15° Angle Adaptor, 69114 60° Ear Bars for Mouse.
69105	Rotational Digital Stereotaxic Instrument for mouse, Dual M, 69110 Adaptor Incl.	
69106	Rotational Digital Stereotaxic Instrument for mouse, SGL Rat, 69112 Adaptor Incl.	Standard configuration, contains 69112 Rat Anesthesia Adaptor with Tubing, 69113 15° Angle Adaptor, 69116 18° Ear Bars for Rat.
69107	Rotational digital Stereotaxic Instrument for mouse, Dual Rat, 69112 Adaptor Incl.	
69133	40X Central Magnifier	Optional configuration
69134	Alignment Indicator	Optional configuration
69136	Operating Platform for Stereotaxic	Optional configuration

Accessories



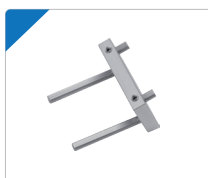
40X Central Magnifier (69133)

- Assist in finding Bregma and Lambda, to ensure that the midline is parallel to the Y axis.
- Assist in adjusting the Bregma to coincide with the rotation axis, no need to set the Bregma repeatedly.



Alignment Indicator (69134)

- The deflection angle difference of the Alignment Indicator can feedback horizontal level with a 0.01mm accuracy.



15° Angle Adaptor (69113)

- Easy to adjust the skull level (front to back), to meet the needs of greater adjustment.



Operating Platform for Stereotaxic (69136)

- 50mm height adjustable.

Technical parameters

Item	Parameter
Sagittal triaxial displacement distance	30mm
Angle adjustment range (left to right)	±30°
Angle adjustment range (forth to back)	±10°
Angle adjustment range (central base plate)	±10°
X-, Y-, Z-axis operating range	80mm
Base plate	400mm*325mm
Central Magnifier	40X
Alignment Indicator resolution	0.01mm

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