Digital Stereotaxic:

This new Digital Stereotaxic Frame, built for a mouse, features an easy-to-read LCD display with 10-micron resolution in all three axes. A zeroing function aids in targeting specific coordinates. The battery-powered display is electronically quiet, making it useful in electrophysiology experiments as well as keeping the workbench tidy.

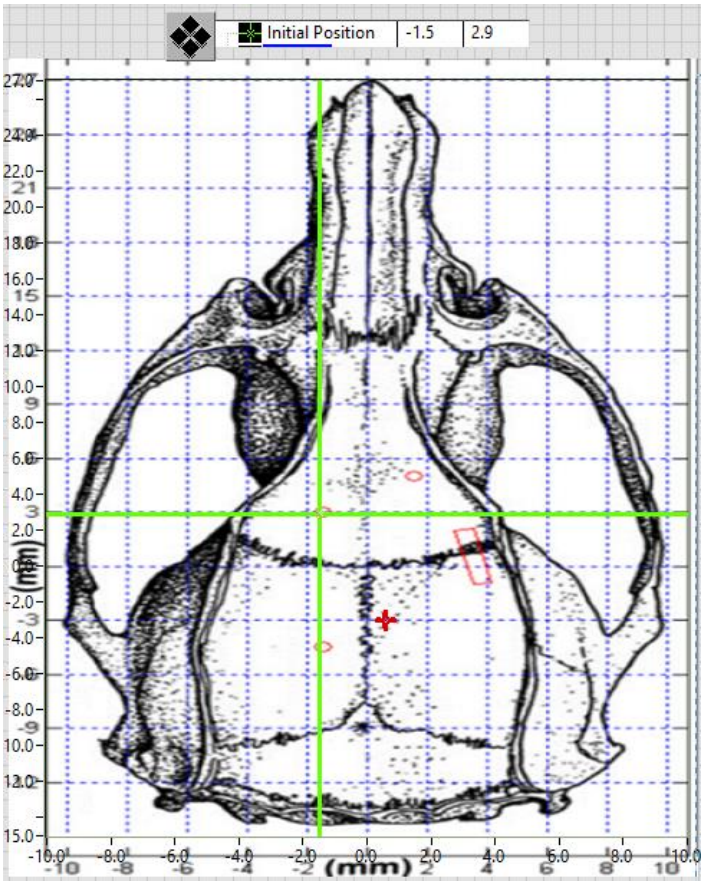

DIGITAL STEREOTAXIC
UD Axis: 40 SS:40
ML Axis: 30 SS:30
AP Axis: 20 SS:20
UD
ML
AP
STOP UD
STOP ML
STOP AP
Z
Z
Z
UP
UP
UP
step size
step size
DOWN
DOWN
DOWN
*
#

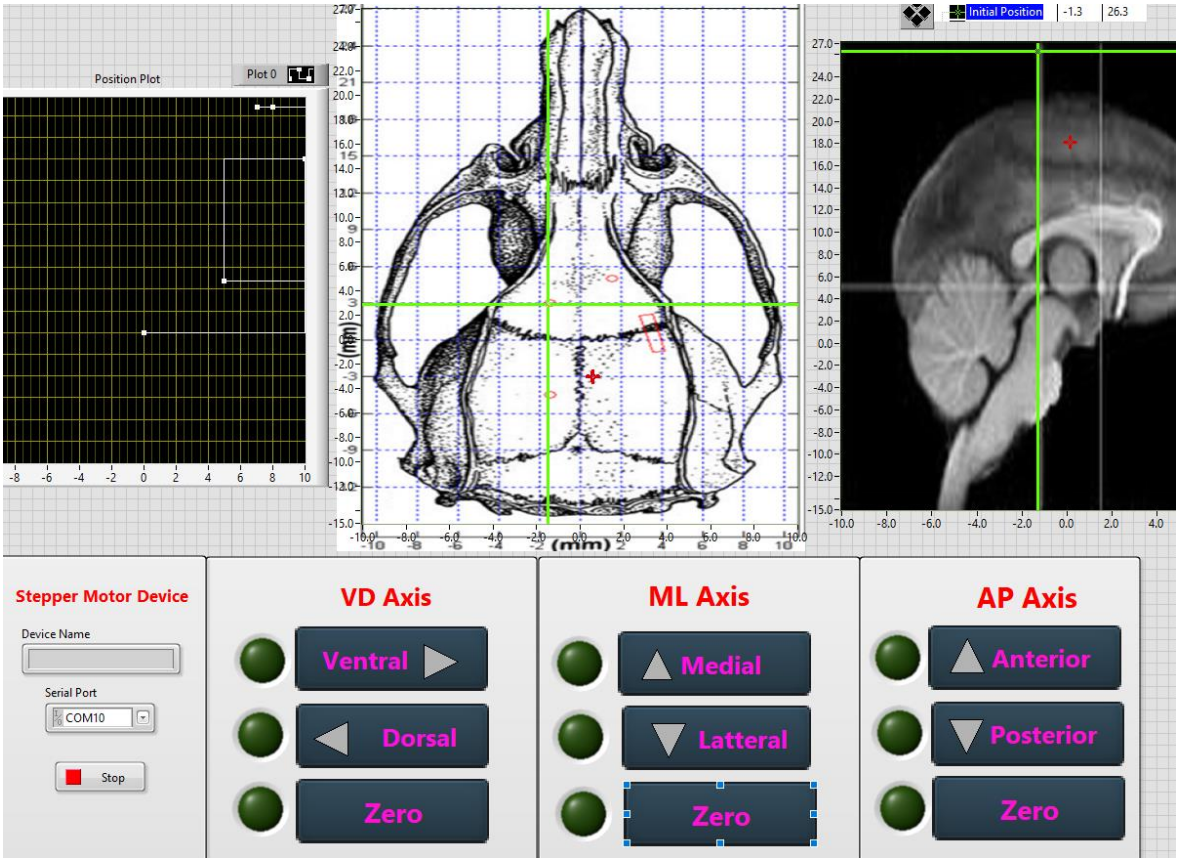
Features

- 80 mm of vertical, lateral and anterior-posterior travel
- 180° rotation and lock at any vertical angle
- 360° rotation and lock at any level angle
- micro camera and drill can be attached directly
- Dual-lead screws provide stable and accurate movement
- Maintains accuracy and flexibility under different temperatures
- Zeroing function for targeting specific coordinates
- 10μm precision of manipulator in all directions
- Extended base plate 400mmX255mm suitable for various animals
- Vertical lock and fixing knob are separated to ensure accurate position at any angle
- The precisely-designed rotary knob and U frame allow sufficient space for the anterior-posterior operation
- Curved design of nose clamp fixes the head of the animals more securely
- Zeroing function for targeting specific coordinates
- Easy-to-read digital display offers 10 micron resolution in all three axes
- Triple-lead screws for fast positioning
- 80mm of dorsal-ventral, medial-lateral and anterior-posterior travel
- Absolute lock at 90° vertical
- Adaptors available for mice neonatal rats, birds and most other species
- Easily cleaned durable surface
- Warmer ready base that is compatible with the Rodent Warmer Systems

USER MANUAL:


VD Axis
Ventral
Dorsal
Zero
ML Axis
Medial
Latteral
Zero
AP Axis
Anterior
Posterior
Zero


Initial Position
-1.5
2.9
(mm)
(mm)


Position Plot
Plot 0
Initial Position
-1.3
26.3
(mm)
Stepper Motor Device
Device Name
Serial Port
COM10
Stop
VD Axis
Ventral
Dorsal
Zero
ML Axis
Medial
Latteral
Zero
AP Axis
Anterior
Posterior
Zero