



NEW!

STEREOTAXIC SOLUTION FOR *IN VIVO* MICROINJECTION AND ELECTROPHYSIOLOGY EXPERIMENTS!

In vivo microinjections and electrophysiological recordings with single cell resolution require accurate, stable and repeatable micropipette or -electrode positioning. Our new high precision single and triple axis micromanipulators enable you to expand your existing Stereotaxic system to implement even most complex *in vivo* experiments.



Single Axis Micromanipulator

Ultra high precision add-on for the mechanical manipulator arm provides 20 mm of motorized fine movement with 10 nm repeatability.

Triple Axis Manipulator

Three linear axis with 20 mm of nano-meter scale resolution fine movement combined with freedom to approach the sample at any angle.

Ring Track Mounting System

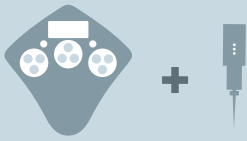
Smart design allows solid and stable mounting up to 8 triple axis micromanipulators cocentrally around the animal, each pointing to the common reference location.

Stereotaxic Instrument

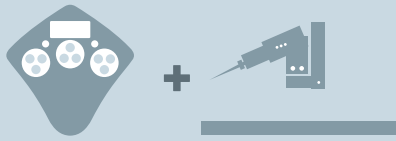
Solution is build on Stoelting Just for Mouse stereotaxic instrument to provide complete high performing and easy to use solution.



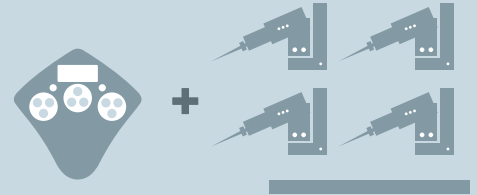
This solution was created in collaboration with Stoelting, a trusted provider of Stereotaxic instruments.



Single Axis Stereotaxic solution with Stoelting
Just for Mouse frame: 7150 € or \$8580. Add-on
to existing frame: 4350 € or \$5250.



Triple Axis Stereotaxic solution with Stoelting
Just for Mouse frame: 10500 € or \$12600. Add-on
to existing frame: 7750 € or \$9300.



Triple Axis Stereotaxic solution with four
micromanipulators and Stoelting Just for
Mouse frame: 29850 € or \$35800.

USD prices only valid for US deliveries

Single Axis Micromanipulator

- Drift-free linear piezo drives
- Sub-nanometer resolution
- Plug-and-play installation

Positioning range	20 mm
Step size / scan	7 / 0.5 nm
Repeatability	10 nm
Max speed	5 mm/s
Max load	120 g
Dimensions	28x20x55 mm



Control unit

- Rotary encoder or 3D joystick versions
- Shows absolute or relative positions
- Battery operated

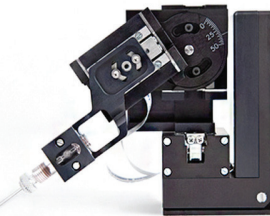
Versatile and configurable user interface	
PC control through USB port	
Six speeds	single step - max
Batteries	Li-ion (rechargeable)
AC charger	90-264 V, 50-60 Hz
Dimensions	190x210x40 mm



Triple Axis Micromanipulator

- 20 mm range with 7 nm resolution
- 0-90° true approach angle
- Easy-to-use pipette exchange mechanisms

Positioning range	20 mm (XYZ)
Step resolution	7 nm
Repeatability	1 µm
Max speed	5 mm/s
Max load	120 g
Dimensions	39x87x77 mm



Ring Track Mounting System

- Bolts directly to Stoelting Just for Mouse frame
- Stable triple axis micromanipulator mounting
- Concentrical design for easy targeting

Fits up to 8 triple axis micromanipulators	
Dove tail design for firm mounting	
Customizable clearance at back	
Track diameter	225 mm
Track height	9.5 mm
Manipulator base	39x28x80 mm



For more information on the products and compatibility with other stereotaxic instruments, please contact us at info@sensapex.com.



SENSAPEX
Teknologiantie 13
90590 Oulu, Finland
P: +358-45-1149188
E: info@sensapex.com



Stoelting Co.
620 Wheat Land
Wood Dale, IL 60191, USA
P: +1 (630) 860 9700
E: info@stoeltingco.com



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