

Precision Stereotaxic Instruments for Small Animals

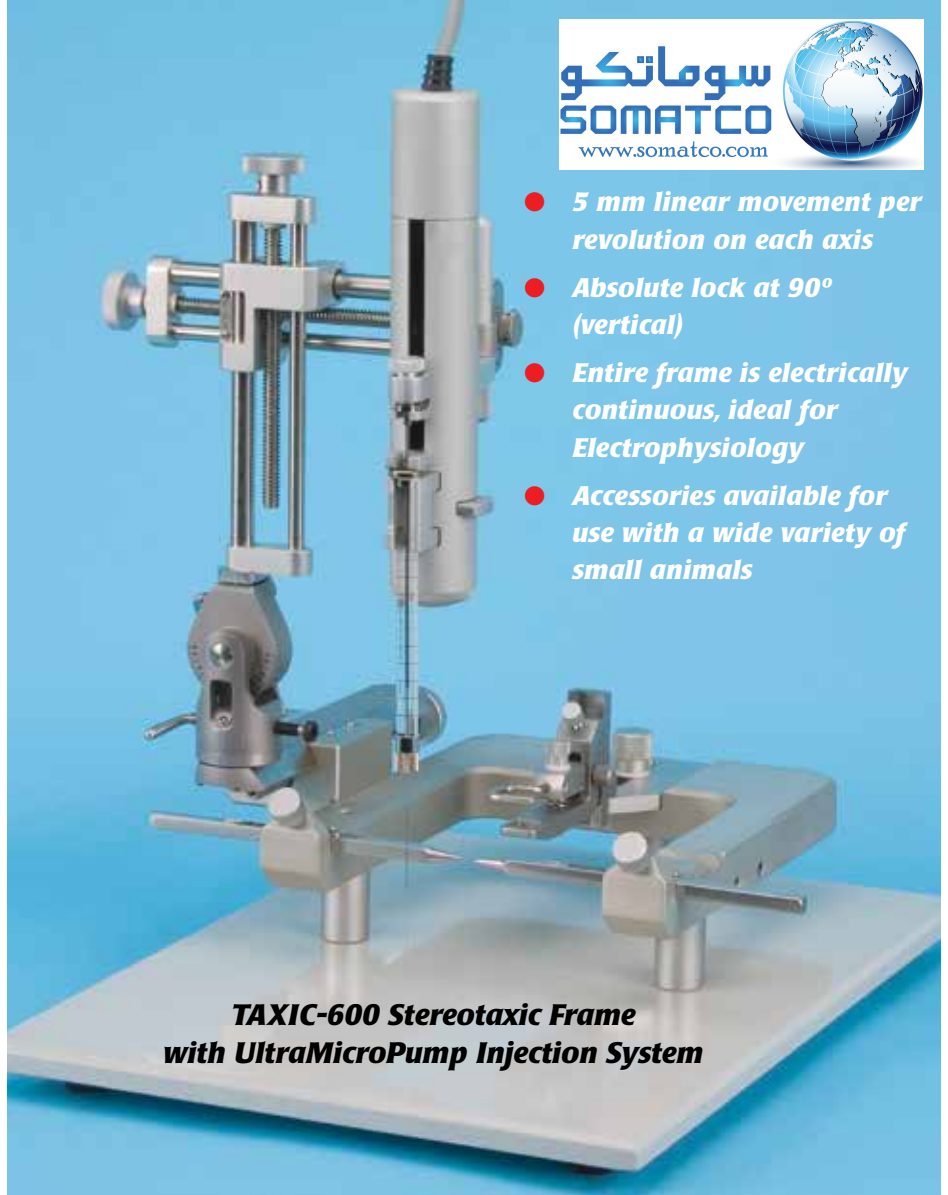
WPI's Precision Stereotaxic Instrument is built around the time-proven U-frame design concept, providing stability, and adaptability to most species. Precision alignment ensures accurate placement of electrodes, micropipettes, and other devices. It is ideal for researchers in need of a versatile, reliable instrument for stereotaxic procedures with small animals

Versatility of positioning

The manipulator arm controls medio-lateral and vertical positioning via lead screws with 80 mm of travel. This allows the fastest positioning possible, consistent with lining up the scales easily at a given coordinate. The antero-posterior movement is controlled via a dovetail slide movement, with 80 mm of travel possible in each direction. A universal joint allows the investigator to change the angle of the probe up to 90° in either the antero-posterior or medio-lateral planes. The locking mechanism will hold any angle position without drift or creep. It also provides an absolute lock at 90° vertical.



Above: **502600** Precision Stereotaxic Frame.
At right: **502603** Dual Manipulator Stereotaxic Frame.



TAXIC-600 Stereotaxic Frame with UltraMicroPump Injection System



- *5 mm linear movement per revolution on each axis*
- *Absolute lock at 90° (vertical)*
- *Entire frame is electrically continuous, ideal for Electrophysiology*
- *Accessories available for use with a wide variety of small animals*



Easily read scales

All scales are oriented to be read easily from the open end of the "U". This is the position from which most scientists prefer to work. The numerals on the scales are clear and easy to read. Precise alignment with facing vernier scales gives accurate resolution to 0.1 mm.

Convenient for electrophysiology

The entire Stereotaxic frame including the dovetails, manipulator arms and base are electrically continuous. Grounding of the entire frame including the base plate can be accomplished by connecting the provided grounding stud to earth. This is ideal for electrophysiological studies where the animal and surrounding structures need to be grounded to reduce electrical noise.

502600	Precision Stereotaxic Frame with 18°Ear Bars
502650	Precision Stereotaxic Frame with 45°Ear Bars
502603	Dual Manipulator Stereotaxic Frame with 18°Ear Bars
502653	Dual Manipulator Stereotaxic Frame with 45°Ear Bars
TAXIC-600	Stereotaxic Frame with 18°Ear Bars plus UMP3-1 System
TAXIC-650	Stereotaxic Frame with 45°Ear Bars plus UMP3-1 System
TAXIC-603	Dual Manipulator Stereotaxic Frame with 18°Ear Bars plus UMP3-1 System
TAXIC-653	Dual Manipulator Stereotaxic Frame with 45°Ear Bars plus UMP3-1 System

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