

MODEL 900 SMALL ANIMAL STEREOTAXIC INSTRUMENT

SMALL ANIMAL STEREOTAXIC



Model 900 Small Animal Stereotaxic Instrument originally designed by David Kopf Instruments in 1963, is a versatile, easy-to-use instrument that facilitates proper alignment of small animals for the stereotaxic placement of electrodes, micropipettes, cannula and other devices.

The process in which the instrument is built and assembled assures that the researcher will be able to make accurate placements. Precise alignment of the slides assures smooth movements resulting in correct use of the atlases.

The instrument consists of a rugged "U" frame to which is affixed a Model 960 three-dimensional Electrode Manipulator. Model 1770 Standard Electrode Holder with corner clamp is included.

Manipulator X, Y, Z adjustment - Metric scale 80 mm travel, calibrated 0.1 mm vernier scale.

Angle adjustment - Fully universal joint calibrated on two planes for access from any angle. Vertical alignment pin can be removed for angled settings from 0° - 90° either side of vertical, 2° increments.

Rotation adjustment - Manipulator swivel base can be rotated up to 360°. Manipulator X/Z axis can be repositioned at 90° increments.

The stereotaxic frame is mounted to a 17"L x 10"W base plate and is elevated to bring ear bar height to 53 mm. Ear bar slots on the "U" frame have 0.1 mm verniers for ease in centering the animal. Ear bar zero to posterior end of base plate is 8.763".

Model 920 Rat Adaptor features include a nose and tooth bar assembly offering various stereotaxic adjustments.

Dorsal/Ventral adjustment dial - Calibrated in 100 micron increments, 1 mm per revolution.

Dorsal/Ventral adjustment - 30 mm

Dorsal - 10 mm above ear bar zero

Ventral - 20 mm below ear bar zero

Adaptor Plate A/P adjustment - 44 mm

Ear Bars - Model 957 18° Tip Rat Ear Bars (6.3 mm square with 35 mm of calibration).

Refer to Table of Contents for a complete list of stereotaxic accessories.

Model 900 Standard Accessories
(supplied with Model 900)

Model 900 Stereotaxic "U" Frame Assembly

Model 900-C Base Plate (17" L x 10" W)

Model 920 Rat Adaptor including one set of
Model 957 18° Tip Rat Ear Bars

Model 960 Electrode Manipulator (0.1 mm res.) including **Model 1770** Electrode Holder with corner clamp

Our instruments were designed for versatility. Any standard accessory that is not required can be omitted and the appropriate accessories can be added for your specific research.



Model 902 Dual Small Animal Stereotaxic
FEATURES

- Quality, versatility and ability to perform are guaranteed by David Kopf Instruments.
- Combines student level operating simplicity with research quality and accuracy.
- Permits accurate and reliable stereotaxic placement.
- Several atlases in current use are based on the Kopf Model 900's dependable parameters.
- Modular accessories allow for expansion of instrument capabilities.
- Adaptable for use with a wide variety of small animals.