

MODEL 940 SMALL ANIMAL STEREOTAXIC INSTRUMENT WITH DIGITAL DISPLAY CONSOLE



Model 940 Small Animal Stereotaxic Instrument with Digital Display Console

combines the quality and accuracy incorporated in all Kopf stereotaxic instruments with state-of-the-art digital linear positioning scales for ease in operation. Our compact design ensures that full range of motion, angulation and rotation of the electrode manipulator is not obstructed by the linear scale assembly with connecting cables.

The instrument consists of a rugged "U" frame to which is affixed a Model 960 three-dimensional Electrode Manipulator. Model 1770 Electrode Holder with corner clamp is included. Assembled to manipulator is Model 940-B Linear Scale Assembly with Digital Display Console.

Manipulator X,Y, Z adjustment - Linear scales have 10 micron resolution and include an easy to read compact digital display console. The digital display control features allow "zero" reset at any position. Metric scale 80 mm 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.

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 17" L x 10" W base plate and is elevated to bring ear bar height to 50 mm. Ear bar slots on the "U" frame have 0.1 mm verniers for ease in centering an 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 included (6.3 mm square with 35 mm of calibration).

Model 940 Standard Accessories (supplied with Model 940)

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

Model 940-B Linear Scale Assembly with Digital Display Readout Console (10 micron resolution)

****Model 940-B can be purchased separately and factory mounted on existing Kopf Model 900 Stereotaxic Instrument.**



Model 942 Dual Small Animal Stereotaxic with Digital Display Console

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 in a digital format.
- Modular accessories allow for expansion of instrument capabilities.
- Adaptable for use with a wide variety of small animals.