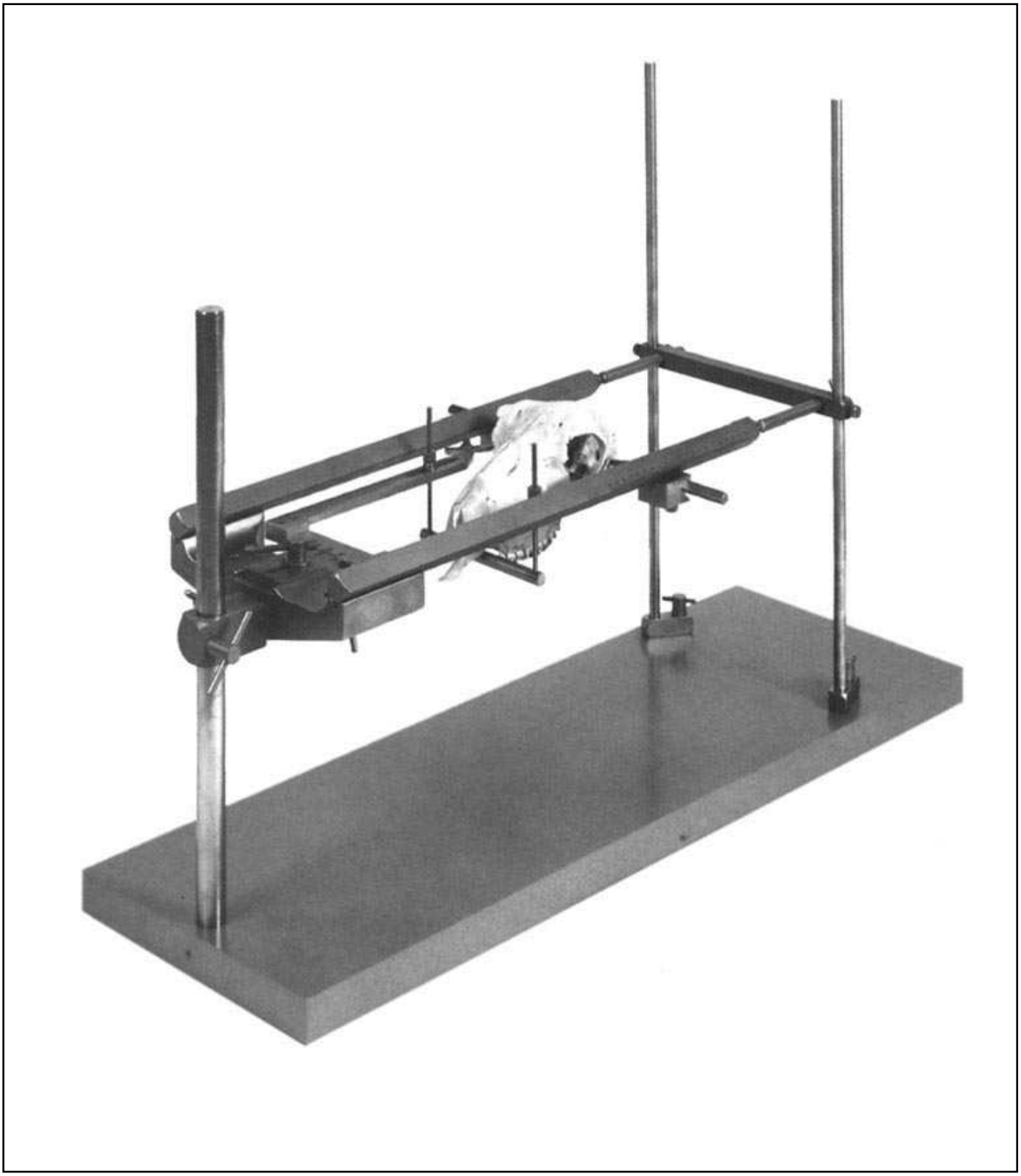
MODEL 1630 LARGE ANIMAL STEREOTAXIC



The Model 1630 Large Animal Stereotaxic is a large, heavy-duty instrument designed for proper stereotaxic placement of large research animals. While primarily constructed for sheep and goats, the unit can be modified with the use of different adaptors and A-P bars for larger dogs, chimpanzee, and other large animals. Made specifically to carry the Kopf 1700 series of electrode manipulators, this uniquely rugged instrument provides the ultimate in stereotaxic performance when there is no substitute for rigidity. Frame A-P bars are 21.65 mm square and 50.8 cm long and are mounted to a solid cross bar with 21.59 cm centers. The A-P bars have 100 mm of calibration on each side of ear bar zero. Adaptor includes the adaptor plate with slotted eye bars, palate clamp and a set of solid ear bars that are 9.4 cm square, 14.9 cm long and have 50 mm of calibration. The adaptor has 25 mm of vertical adjustment.

The stereotaxic frame is fixed to an ultra heavy universal swivel joint that is mounted on a 25.4 mm diameter post. The outboard ends of the A-P bars are mounted on 12.7 mm diameter posts that are secured at the ends with a tie bar to inhibit any vibration. The complete unit is mounted to a 1-1/2" x 12" x 32" aluminum base plate with four hard rubber feet for dampening effect.

For specialized use, the outboard supports may be detached and the frame rotated around the A-P plane and securely locked into place.

Variations of the frame can be constructed on request for special applications, such as x-ray. The Kopf Model 1460 Electrode Manipulator can be adapted to fit the frame with the use of a special base.

Size: 12" x 32" x 25" (approx.)
Weight: 108 pounds (approx.)

Model 1630 Standard Accessories
(supplied with Model 1730)

Model 1630 Intracellular Frame Assembly includes:

Stereotaxic "U" Frame with one set of ear bar blocks

Universal Clamp and Stand Post

Vertical Outboard Posts and Tie Bar

Large Animal Adaptor including one set of Standard Solid Ear Bars

Optional Accessories

Model 1460-LB, **1460-61-LB** Electrode Manipulators (LB series fits 21.65 mm A-P bar)

Model 1749 Electrode Manipulator Stand

Model 1750 Calibrated A-P Zeroing Bar

Model 1755 Electrode Angle Calibrator

Models 1760, **1760-61** Micro Manipulator

FEATURES

- A unique stereotaxic instrument for large research animals.
- Permits accurate and reliable stereotaxic placement.
- Combines maximum rigidity with optimum flexibility.
- Can be modified to accept a variety of large animals and for special uses.