MODEL 1504 HEAVY-DUTY RESEARCH STEREOTAXIC
FOR DOGS AND MONKEYS
**Model 1504 Stereotaxic Instrument** is a large, heavy duty, rigid unit that enables precise alignment of laboratory animals for stereotaxic surgery. Modular in design it can be used with a wide variety of adaptors, so that animals from the size of a beagle dog down to and including mice, can be placed with the same ease and precision. It is our most versatile stereotaxic instrument.

Model 1504 consists of a Kopf Model 1530 Frame Assembly and four Model 1460 three-dimensional electrode manipulators (includes Model 1770 Electrode Holder). Manipulator resolution includes 100 microns (0.1 mm) all axis. Manipulator product specifications and options are located on catalog pages 62 - 65.

**A/P Bar(s)** - 18.70 mm square

**A/P Bar length** - 37.47 cm

**A/P Bar calibration** - 100 mm each side of zero (ear bar centerline)

**Frame Bar centerline distance** - 17.78 cm

**A/P zero distance to posterior end of bar** - 19.70 cm

**Ear Bar Block Position** - A/P zero and 5 cm

Model 1530 Frame Assembly with a set of double ear bar locators includes Model 1210 - 3½” x 3½” Table Mount Base Plate and Model 1225 Universal Swivel Stand which allows dual plane rotation.

Model 1535 Dog / Monkey Adaptor locates the animal firmly and accurately by means of tapered ear bars which fit into the external auditory meatus. Adjustable eye bars and a vertically adjustable tooth bar prevent rotation of the skull. Adaptor is suitable for use with beagles, mongrels of beagle size and Macaque monkeys. The second set of ear bar blocks is for use with shorter adaptors such as the cat, monkey, rabbit and rat.

**Eye Bar A/P adjustment** - 20.5 mm

**Tooth Bar adjustment** -

A/P - 79.3 mm - D/V 36.8 mm

**Adaptor Plate A/P adjustment** - 31.75 mm

**Ear Bars** - Model 851 Standard Solid Ear Bars included. (6.3 mm square with 50 mm calibration)

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**Model 1504 Standard Accessories**

(supplied with Model 1504)

**Model 1530-B** Stereotaxic Frame Assembly includes: Stereotaxic "U" frame with one set of double ear bar locators.

**Model 1210** 3½” x 3½” Table Mount Base Plate

**Model 1225** Universal Swivel Stand

**Model 1535** Dog / Monkey Adaptor including one set of **Model 851** Standard Solid Ear Bars

**Model 1460** Electrode Manipulator (Qty. 4) including **Model 1770** Standard Electrode Holder

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