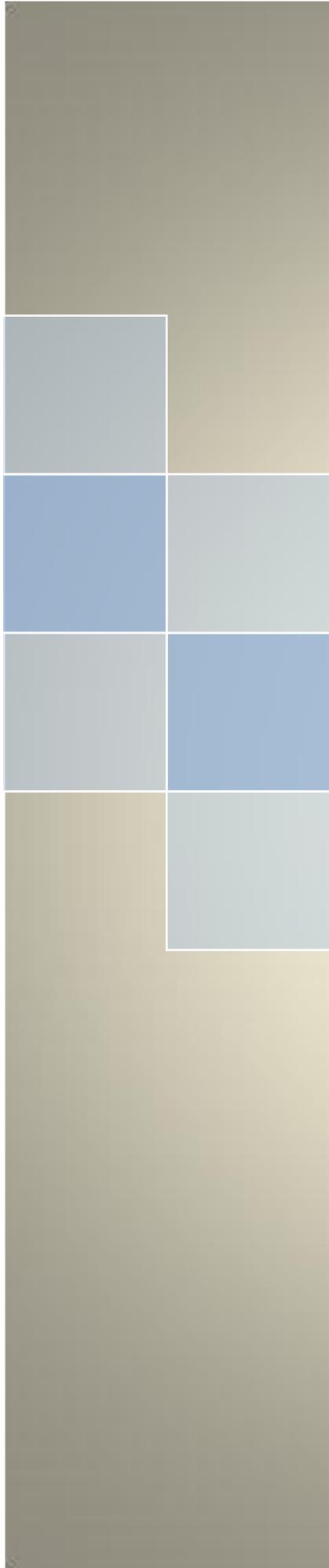




Borj Sanat azma

Physiology and pharmacology laboratory
instrument



Water Maze test



The Morris Water Maze paradigm, in which the animal has to learn the position of a submerged platform in a water pool, is used for testing spatial learning & memory. The water maze package includes a pool, a platform, a CCD camera with mounting device. The package can be configured with a compatible interface and the video tracking software (see above). Quadrants, zones and platform position can be drawn over the image of the pool. Data acquisition is stopped automatically when the animal has reached the target or after a set duration has elapsed. Latency to reach the target is the relevant parameter in the training trial. For probe trials the platform is removed and the percentage time spent or swim distance in the target quadrant can be calculated. All calculated parameters can be easily exported for further statistical evaluation.

Features:

Pool made of Metal sheet with black electrostatic painting

Platform made of transparent Plexiglass

Shipping included in the price of the tank

Designed for use with video tape recording system

Specifications:

Dimensions	150 cm (diameter) x 50 cm (height)
Power Requirements for heater	220V 50/60 Hz 1000W

