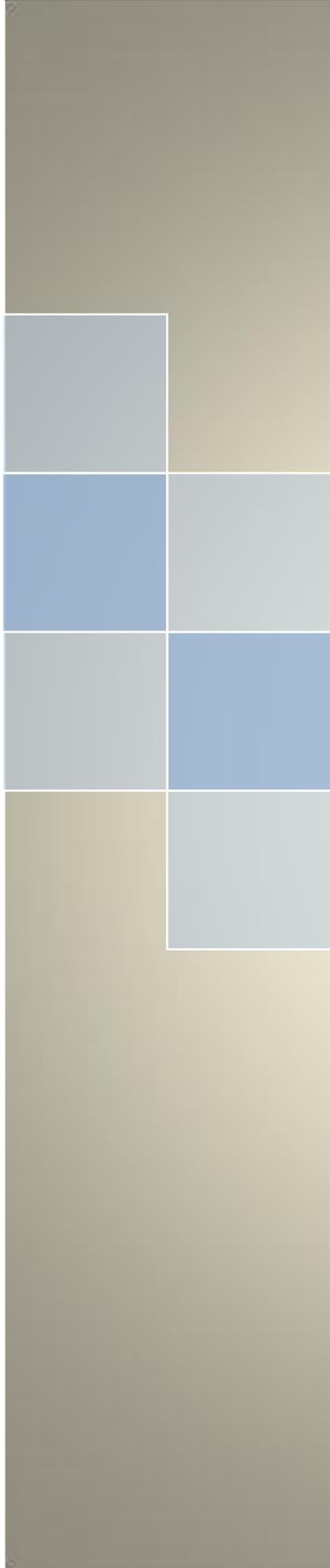


Borj Sanat azma

Physiology and pharmacology laboratory
instrument



Photobeam activity system



The Photobeam Activity System is designed for open field style activity testing using a standard transparent plastic cage. The Photobeam Activity System uses a Locomotor frame (with a 5 x 5 photobeam configuration for and or a 2 x 2 photobeam configuration for rats) to track the animal specific path. It can be configured with an optional Rearing frame. System size is adaptable from 1 test station to a maximum of 6 test stations. The height of the frames is adjustable to accommodate different types of animals being tested. The Photobeam Activity System works equally well with rats or mice. The Photobeam Activity System records the number of beam breaks caused by the animal's movement. The location of the animal is calculated at every beam break and time stamped.

Features:

Designed to use for both locomotion and hole-board testing in rats and mice

Infra-red tracking system

Tracks up to 6 animals simultaneously

Convenient, menu-based software

Real time reporting of activity

Reports counts and zone entries

Rearing option available

Reports counts and zone entries

Rearing option available

Supports various mazes such as T-maze, Y-maze, zero maze, plus maze, and radial arm maze

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Specifications:

Dimensions (HxWxD)	20cm X 14cm X 8 cm
Power Requirements	220 V, 50/60 HZ