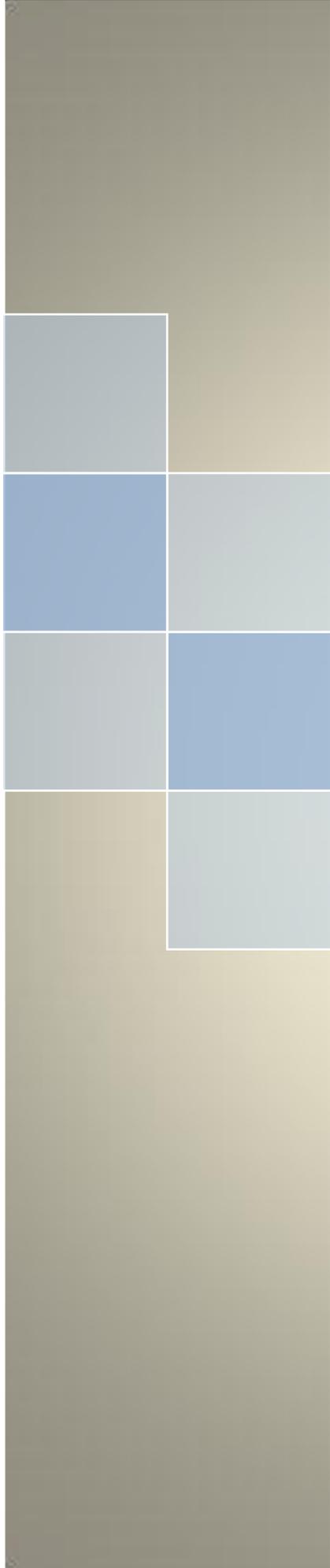


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Physiology and pharmacology laboratory
instrument



Hole-board



The evaluation of certain components of behavior of mice such as curiosity or exploration is investigated using an open field with holes on the bottom into which the animals could poke their noses. The hole-board has a size of 40cm × 40cm. Sixteen holes with a diameter of 2 cm each are distributed evenly on the floor. The board is elevated so that the mouse poking its nose into the hole does not see the bottom. Nose-poking is thought to indicate curiosity and is counted by electronic devices. Moreover, in the newer modifications motility is measured in addition by counting interruption of infrared light beams. The test duration is 5 minutes. The number of counts for nose-poking of treated animals is counted using a built-in microprocessor inside the apparatus.

Specification:

| | |
|------------------------------|---------------------------------|
| Board dimensions | 40cm X 40cm |
| No. and size of holes | 16 holes, 20 mm diameter |
| Time display | 99 min, 1sec step |
| Count display | 4 digits |
| Power Requirements | 220V, 50/60Hz |