

## Shuttle box (Active/Passive Avoidance)

### General

shuttle box system is fear-motivated tests classically used to assess short-term or long-term memory on small laboratory animals (rat, mice).

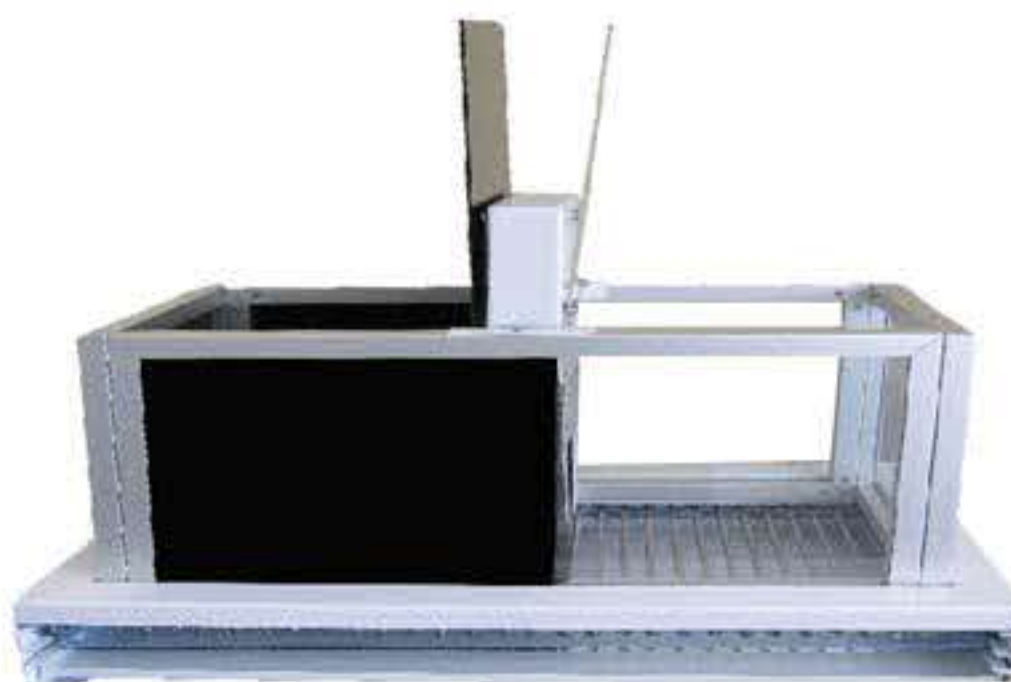
Basically, active/passive avoidance working protocols involve timing of transitions, i.e. time that the animal takes to move from the white compartment to the black one after a conditioning session -in which the entry into the black compartment is punished with a mild inescapable electrical shock- is carried out.

MazeRouter Shuttle Box controlled through SB100 Micro-Processor Base Controller with touch screen.



### Main Features

- Latency to enter into the black compartment is the parameter that measure
- Touch screen micro-processor controller
- silent and Automatic guillotine gate
- Specific models for rats or mice
- Removable stainless steel shock grid
- best design for simple cleaning
- A shocker with adjustable current generator



The MazeRouter Shuttle Box System is defined by a white illuminated compartment and a black dark compartment separated by a guillotine gate. The animal's position is detected by using high sensitivity photo Electric transducers providing higher effective and reliable detection of animal responses (zones entries).



**Removable cage from shock grid and excrement tray**

**IDEAL TO STUDY  
Short-term or  
Long-term memory**