



Introduction

Muromachi Step-Through Test System has been designed to test animal memory. The test cage is divided into the two compartments, the light and the dark by the motorized door. The animal is placed in the lit compartment and allowed to explore there for a preset period of time so that it may be familiar with its environment. Then the door is opened and it tries to get in the dark room since it prefers a dark place. As soon as it gets into the dark, an electrical shock is given.

Features

- The system can be used for both rats and mice by replacing animal cages.
- The system is available 2-5ch depending upon budget.
- Using the attached DCS-STT Data Collection Software (Windows Version) the data obtained can be exported to a personal computer and stored as a CSV file.

Specification

| Model | | MST-01SM FOR MOUSE | MST-01SR FOR RATS |
|------------|----------------|-----------------------|-----------------------|
| Dimensions | Dark Room | 140W x 175D x 150 mmH | 280W x 295D x 300 mmH |
| | Light Room | 90W x 115D x 150 mmH | 240W x 245D x 300 mmH |
| | Overall | 360W x 180D x 175 mmH | 610W x 320D x 340 mmH |
| Grid | Diameter | 4mm O.D. | 5 mm O.D. |
| | Pitch To Pitch | 10 mm | 15 mm |
| | Grid To Grid | 6 mm | 10 mm |
| Weight | | Approx. 2 kg | Approx. 8 kg |