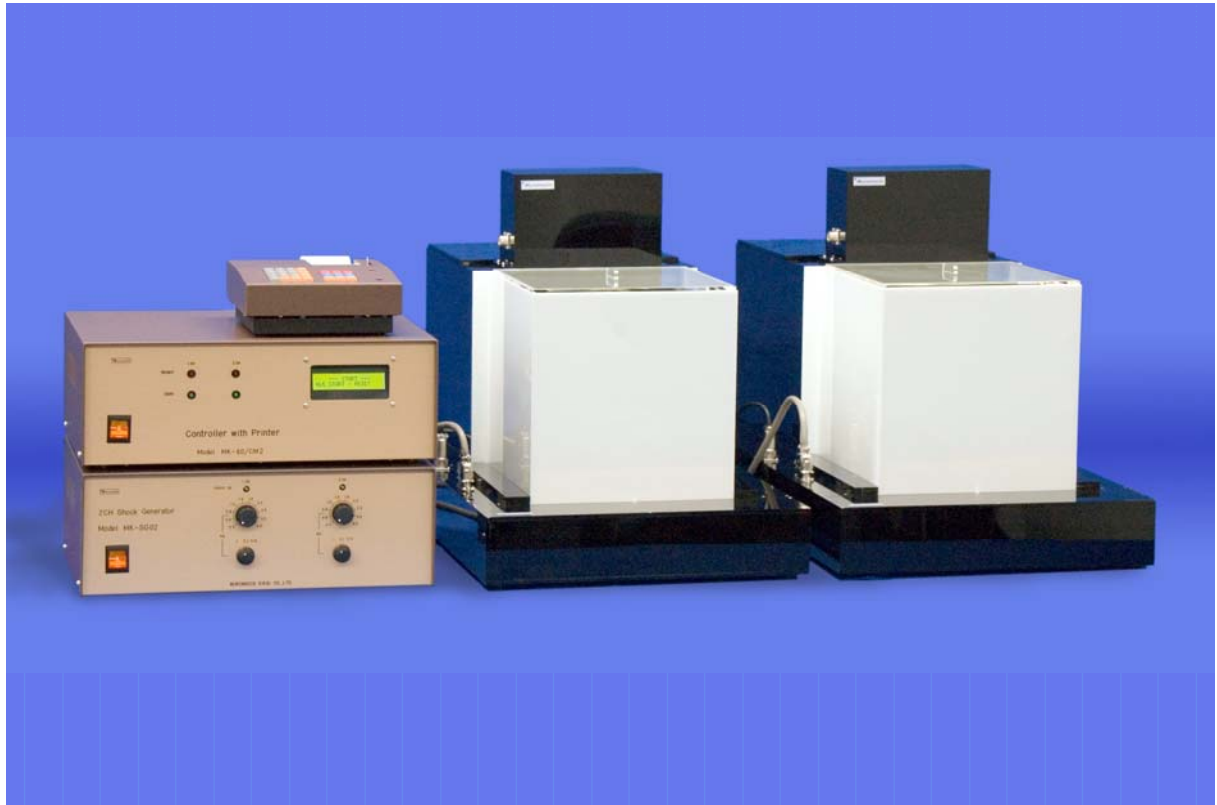


AUTOMATED STEP-THROUGH TEST SYSTEM

for RATS & MICE



MODEL MST-02R/A

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.

Main Features

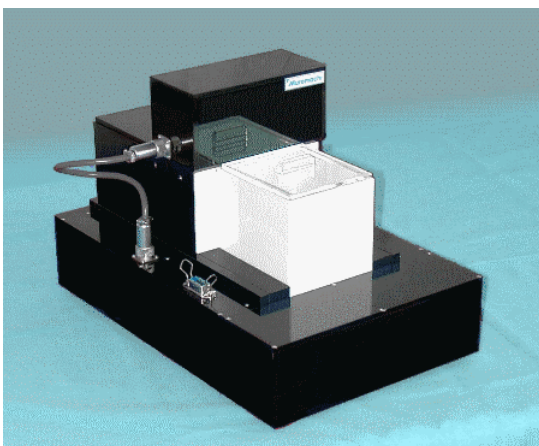
- The system can be used for both rats and mice by replacing animal cages.
- The system is available 2-5ch depending upon budget.
- Using the attached DCS-STT Data Collection Software (Windows Version) the data obtained can be exported to a personal computer and stored as a CSV file.

SPECIFICATIONS

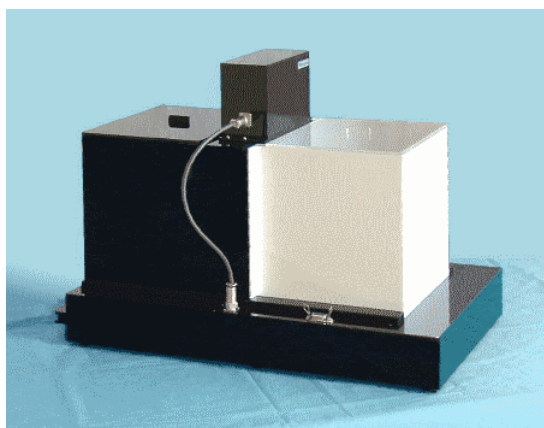
MK-60/CM CONTROLLER	
Dimensions	W400 x D300 x H150 mm
Weight	Approx. 6 kg

PRINTER	
Dimensions	W260 x D180 x H70 mm
Weight	Approx. 2 kg
Printer Outputs	Date (2005-10-30) Time (10:30:00) Test NO. (1234567890) Test Mode (1 or 2) Waiting Time (0-99 sec) CUTOFF TIME (0-999 sec) UCS (0-99 sec) CH (channel number) Latency(L1, L2)
Chart Paper	TSP-10 (Thermo-sensitive 58 mmW)

MK-SG05 5ch Shock Generator Scrambler	
Dimensions	W400 x D300 x H150 mm
Weight	Approx. 8 kg
Shock Intensity	0.5, 0.6, 0.8, 1.0, 1.3, 1.6, 2.0, 2.5, 3.0, 4.0 mA
Shock Range	x 1, x 0.1, x 0.01



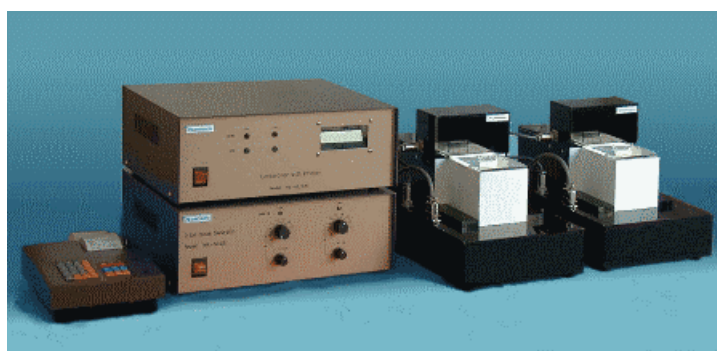
STC-001M/A Step-Through Test Cage For Mouse		
Dimensions	Dark Room	W140 x D175 x H150 mm
	Light Room	W90 x D115 x H150 mm
	Overall	W440 x D250 x H270 mm
Grid	Diameter	O.D.4 mm
	Pitch To Pitch	10 mm
	Grid To Grid	6 mm
Fluorescent Light	8W x 1	
Weight	Approx. 5 kg	



STC-001R/A Step-Through Test Cage For Rat		
Dimensions	Dark Room	W280 x D295 x H300 mm
	Light Room	W240 x D245 x H300 mm
	Overall	W690 x D390 x H470 mm
Grid	Diameter	O.D.5 mm
	Pitch To Pitch	15 mm
	Grid To Grid	10 mm
Fluorescent Light		8W x 1
Weight		Approx. 11.5 kg

The Standard System of MST-05A Includes:		
MK-60/CM Controller with Printer		1
MK-SG05 5ch Shock Generator		1
Step-Through Test Cage (Rat or Mouse)		5
DCS-STT Data Collection Software (Windows Version)		1
RS232C Communication Cable (1.5 m)		1
TSP-10 Chart Paper (Thermo-sensitive 58 mm Wide)		5

Model MST-02M/A 2-Channel Step-Through Test System For Mice



Specifications are subject to change without notice.

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