

Y-maze

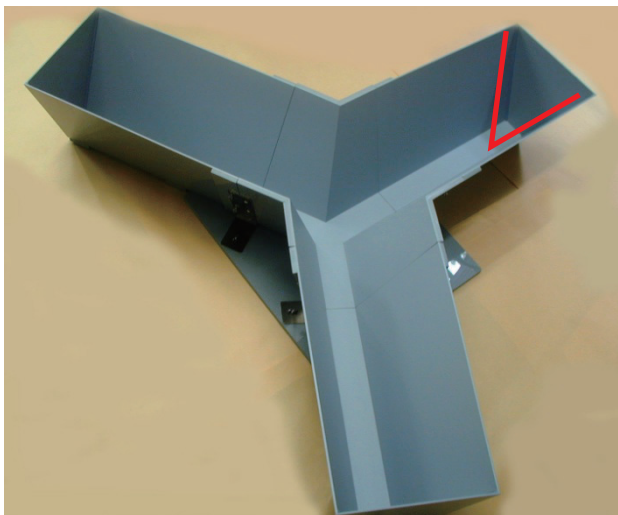
for mouse/rat

The unique
“V-shape”
make subject
more concentrate
to the trial.

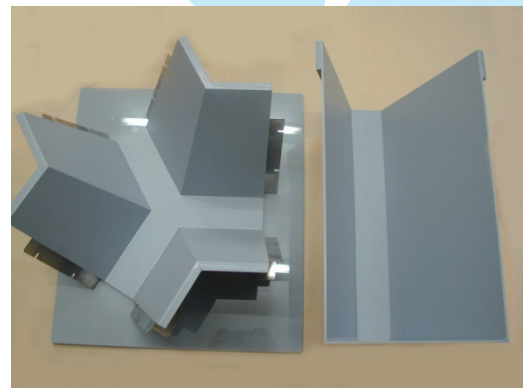
Two types of software available



for mouse W30xD400xH120mm



for rat W60xD600xH250mm



Arms are crossed 120 degree of each and composed Y-shape. Cross-section of the maze arm, is composed V-shape. It has the smaller the floor and wider ceiling, this design is to minimize for unnecessary exploration. Maze is made of matte gray PVC, less susceptible to reflected light of the subject body under test, and is less likely to slip. It is gray colored so it is suitable for both white subject and black subject. (light brown / light gray subject is required for black marked)

*Matte black color is also available. Please inquire us.



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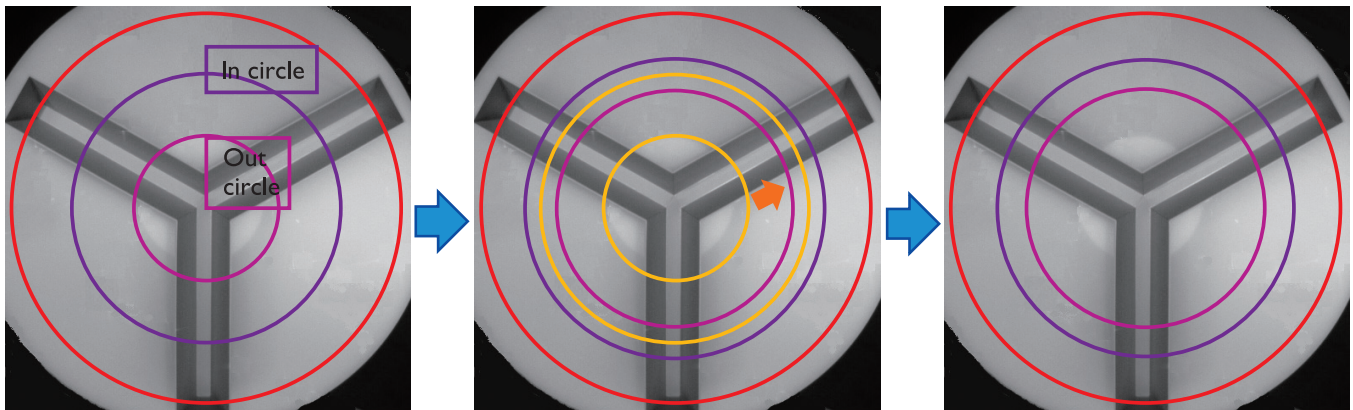
★ Please understand that appearance & specification of this product may be changed for improvement without notice.

Y-maze test system

for Mouse / Rat

Automatic analysis by Video tracking software at online.
Re-analysis with modifying criteria of arm entry is available at offline.

Modifying criteria of arm entry



You can change criteria for arm entry and out from arm as much as you want at offline analysis.

The offline analysis data will be saved to additionally to online data.

System Components

Components		Model Name
Software	1 maze	TimeYM1
	2 mazes	TimeYM2
Y-maze	for mouse	YM-3002
	for rat	YM-3001
Interface	1 maze	YM-1010
	2 mazes	YM-1020
CCD camera		902B
Camera pole		
Quadruplet Switcher (for 2 mazes)		400AS
Computer		
Windows7 Professional (32 bit)		
Enclosure; Tower Type with PCI bus and PCIe bus		
Display 1280x1024 resolution		
PCIe frame grabber, PCI I/O board		

Main data

Total Entry Number
Total Alternation Number
Effective Entry Number
Total Re-entry Number
Alternation Rate(%)
Total A Arm Time(s)
Total B Arm Time(s)
Total C Arm Time(s)
Center Region Time(s)
Total Distance(cm)
Total Immobile Time(s)
Average Speed(cm/s)
Moving Speed(cm/s)
Total episode Number
Average Episode Time(s)
Average Episode Distance(cm)

manufacturer



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