

# Crocus Scientific Trading

## PRODUCT OVERVIEW ELEVATED PLUS-MAZE

**Crocus's** standard elevated plus-maze is commonly used to assess anxiety-like behaviour in laboratory animals (rats/mice). The maze is usually a cross shaped maze with two open arms and two closed arms, which is elevated above the floor. This task exploits the conflict between the innate fear that rodents have of open areas versus their desire to explore novel environments. Security is provided by the closed arms whereas the open arms offer exploratory value. When anxious, the natural tendency of rodents is to prefer enclosed dark spaces to opened brightly lit spaces. In this context, anxiety-related behaviour is measured by the degree to which the rodent avoids the unenclosed arms of the maze.

### Key Features Of Elevated Plus-Maze (CST-MP1)

#### Key Features

- Complete plus maze package including floors/walls (black, grey and white) for the closed arms
- Odour-resistant material
- Modular structure for easy cleaning and storage

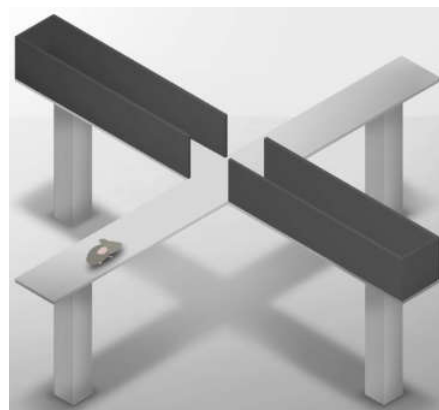
#### APPLICATIONS

Anxiety, screening of anxiolytic and anxiogenic properties of drugs, transgenic mice phenotyping.

#### SPECIFICATIONS

Model No	CST-MP1
Mice dimension	Arms: 3 (W) x 26 (D) mm; Walls: 6 (H) inch; Elevation from the floor: 18 inch
Material Composition	Methacrylate, Wood
Manufacturer	Crocus Scientific Trading Lahore Pakistan

### Elevated Plus-Maze



### Open Field Box

Open Field experiments allow the evaluation of animal basal activity and its evolution in response to novelty or anxiogenic environment, to pharmacological treatment, lesion or to genetic modification. Our square open fields are available for rats and mice. The arena is made of durable material which is non-odor absorbing and easy to clean. The arena is surrounded by high walls and is available in different non-reflective colors.

#### SPECIFICATIONS

**Crocus's** standard CST-OFB1 Open Field for Mouse, Square (W x D x L) (18 x 18 x 12 in)  
Available in Acrylic and Wood materials

Manufacturer: Crocus Scientific Trading Lahore Pakistan

### Open Field Box



Crocus Scientific Trading reserves the right to change in design without notice.