

Crocus Scientific Trading

Three Chamber (SOCIAL BOX)

Crocus's Sociability Apparatus (3-Chambered Social Test) is most often used to assess Autistic-like behaviors. Shortly after a period of habituation a mouse's sociability is determined by evaluating the amount of time the test mouse spends approaching a wire cage containing an unfamiliar 'stranger' mouse. The social interaction test by pairs provides a popular and standard paradigm to study general social behavior. This test allows the experimental subject to freely explore an unfamiliar congener in its home cage or in a neutral environment. Social exploration is measured by the time spent by the experimental subject around the congener as well as the amount and duration of behaviors that compose social interaction (e.g. sniffing, following, grooming, biting, mounting, wrestling, etc). Social avoidance behavior is used in a wide variety of models, for instance for assessing neophobia anxiety and depression-like behaviors.

Our social box provides an ideal experimental environment to conduct social interaction tasks. The box is divided in three interconnected compartments. Sliding doors are available for confining the animal in one specific compartment during the test. Two grid enclosures containing "stranger" animals can be placed in the box allowing a close interaction with the animal tested (as well as protection in case one of them manifests strong aggressive behavior).

Two models are available for rats and mice.

Key Features Of Social Box (CST-3C)

- Removable compartment dividers allow using the box for many behavioral paradigms
- Material does not retain odors
- Manual sliding doors

Optimized for video-tracking systems with non-reflecting material

APPLICATIONS

Drug Screening, Phenotyping, Autism, Schizophrenia, Neophobia, Anxiety, Depression

SPECIFICATIONS

Model No	CST-3C/
Material	Light Grey Methacrylate floor, transparent walls
Box Dimension, Mouse	60 x 42 x 22 (H) cm (24 x 16.5 x 8.7 in)
Compartment Dimension, Mouse	20 x 42 x 22 (H) cm (8 x 16.5 x 8.7 in)
Grid Enclosure, Mouse	Dimensions: 8 (D), 18 (H) cm; Grey Stainless steel grid (3 mm diameter, 7.4 mm spaced); PVC top/bottom.
Manufacturer	Crocus Scientific Trading Lahore Pakistan

(SOCIAL BOX)



This Picture is not real

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