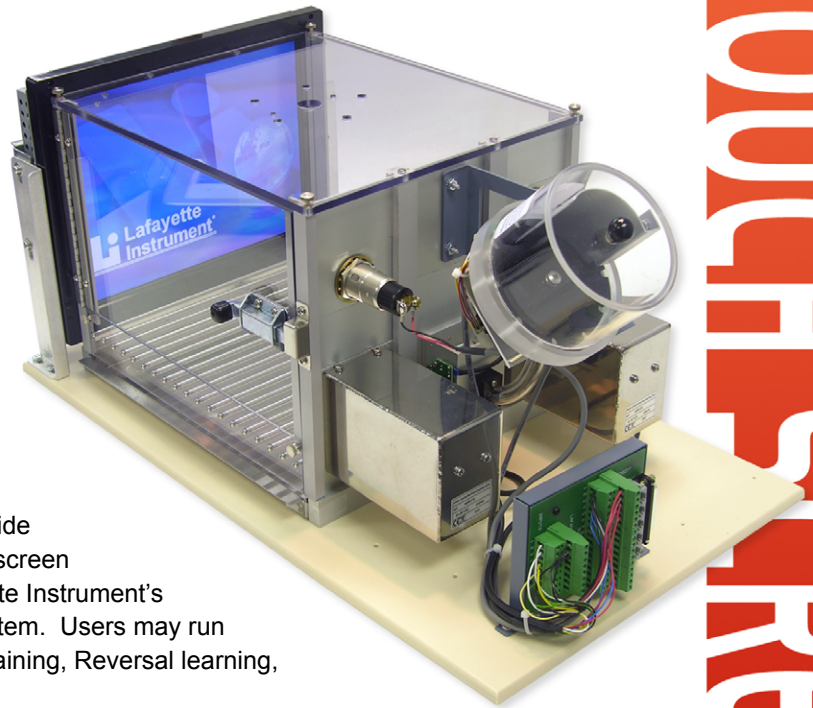


RAT TOUCH SCREEN CHAMBER

Description:

Lafayette Instrument Company is proud to introduce its new Rat Touch Screen Chamber. Using our unique modular chamber design combined with some of the leading software in cognitive assessment, the new chamber provides space to perform both cognitive and operant experiments. Modular panels covering one side of the chamber allow customers to customize and position levers, pellet feeders, stimulus lights, and more. The opposing side is completely covered by a touch screen monitor with a protective layer allowing for the largest possible stimulus presentation/response area. A total of four IR beams across the bottom of the grid floor provide feedback about the rat's lateral movement as well as screen approach. The chamber is controlled through Lafayette Instrument's versatile ABET II hardware and Whisker's Control system. Users may run predefined test batteries from RatBat (Touchscreen training, Reversal learning, Delayed matching,...) or create their own.



Features:

- IR floor sensors for detecting rat lateral movement as well as screen approach
- Pellet reward with report tray
- Standard house/cue light
- Customizable modular panels for a variety of tasks
- ABET II hardware allows both cognitive and operant conditioning experiments with same system
- Wisker Control system for behavioral research by Cambridge University
- Test batteries from RatBat or user created

Dimensions:

- Overall: 23.5"L x 13.5"D x 10.375" H* (59.7 x 34.3 x 26.35 cm)
- Animal work space: 12"L x 10.25"D x 7.9"H (30.5 x 26.0 x 20.0 cm)
- Monitor viewing area: 10.25"W x 7.9"H (26.1 x 20.1 cm)
- Grid Rod Floor: 0.188" (4.775mm) rods on 0.610" (15.494 mm) centers.
- Gap between rods 0.422" (10.72mm)

Materials:

- Grid Rods and Pan: Stainless Steel
- Door, Back and Top: Polycarbonate
- Channel Supports and Filler Panels: Anodized Aluminum
- Base: Easily cleaned 3/8" (9.53mm) matte-textured non-toxic polymer



