

Touch panel operant test

for mouse/rat

By using
the touch panel,
touching is steadily
detectable!

Specially developed touch panel for
animal experiments.
High responsiveness & correctness achieved



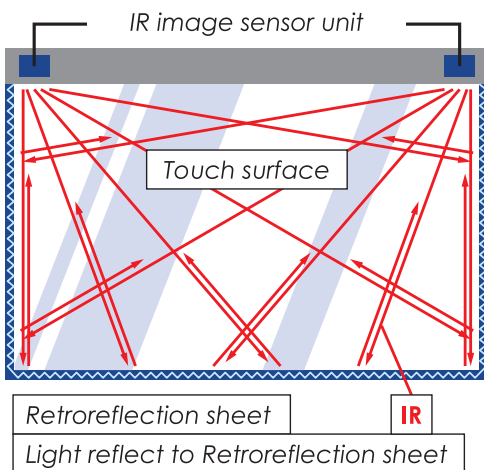
Visuals (both static image and animation) can be displayed through LCD panel and touch response recorded through the special application software. Based on the touch response, reward (pellet or liquid) can be provided.

It is possible to construct and execute variety of tasks by combining different visuals, cue sound, reward type and response. User can execute both simple operant task and complex tasks such as discrimination task, Go/ No-go task. It is also possible to evaluate impulsivity of subject animal.



15 inch touch panel unit

ARTS-015



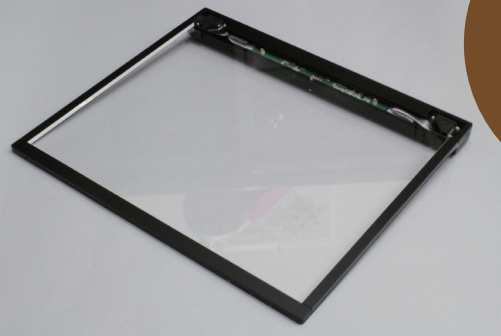
**Steady detection
of
animal**

(mouse, rat, marmoset and macaque monkey)

touch responses.



**Specially
developed
for
animal!**



This 15-inch touch panel uses 2 IR sensors to detect touch coordinate. IR sensors are located at the edge of touch panel. The sensitivity of detection is adjustable. This touch panel can be used for mouse, rat, monkey and also human. Touch panel can be fitted into any off-the shelf computer display. While using touch panel it is recommend to cover all area other than the touch area.

Response speed: 10msec (100 point/ sec)
interface: USB 1.1 or more
Power: 5V USB bus power (around 1.5W)
accessory: sensitivity adjustment driver
size: touch surface: 335Wx 255H mm
size: whole: 356Wx 310Dx 8t mm

manufacturer



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