

DEFENSIVE BURYING DEVICE

Defensive burying reflex

• Anxiety-Depression studies



SCIENTIFIC USES

Introducing a new object of aversion into a familiar cage causes anxiety in rats and mice, stimulating them to engage in burying behavior.

Standard anxiolytic drugs mitigate this reflex.

PRINCIPLE

Using a detachable probe, this machine administers a light shock, adjustable for each individual animal.

GENERAL SPECIFICATIONS

- Altuglas cage (interior dimensions: 44 x 24 x 30 cm (L x W x H))
- Altuglas cage top
- Removable cage base tray
- Detachable, copper, standardized probe on gold-plated printed circuit
- Probe: 7 x 1.2 x 0.8 cm (L x W x H)
- Generator: 0 - 5 mA,
- Precise current control (0.01 mA)
- Control unit

PC software allows you to control the generator for other purposes (e.g., chronic stress).



System delivered ready to use

TECHNICAL SPECIFICATIONS

- Output: electric current adjustable between 0 mA and 5 mA
- Electric current adjustment using an analog potentiometer
- Digital LCD displays current intensity
- Red LED indicator light tells you when probe is activated
- RS232 serial link
- Push-button remote control (up to 3 meters)

INTELLIBIO

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