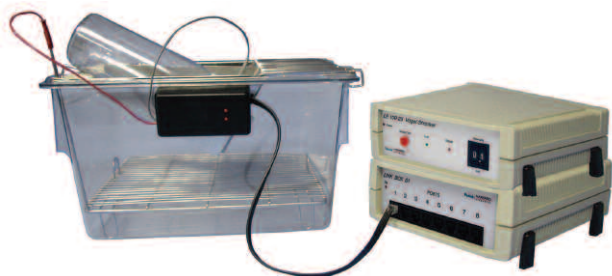


Vogel Test for Screening Anxiolytic Effects of Drugs



Vogel Test Set



Vogel Shocker



Key Features

- Allows Vogel experiments directly into the animal's home cage
- Exclusive nipple system to exclude non-specific contacts
- Different cage available for rats and mice
- Up to 32 cages can be used with the setting associated with a computer laptop use

Parameters Measured

- Total number of licks per trial
- Total number of shocks received per trial

Components Included

- Cage with lick detector
- Bottle with special nipple
- Cables and connectors
- Instruction manual
- 2 year warranty

Options

- LinkBox01 interface for to 8 cages
- PackWin software to control up to 32 cages
- LE10025 Shocker unit with scrambler (0-2mA output) plus lick detector

The Vogel test has become a standard for fast screening the potential anxiolytic properties of drugs. In this procedure, the drinking behavior is punished by mild electrical shocks leading to a significant reduction of water consumption in deprived animals. Drinking responses are then reestablished by drugs with anxiolytic properties.

The Panlab/Harvard Apparatus Vogel test consists of a standard home cage associated with a grid floor. An electronic unit associated with a special nipple ensures the detection and counting of the licks reflecting the animal drinking behavior. Using an exclusive nipple design, any casual and non-specific contacts of the animal with the nipple will not be considered as a drinking response.

A multi-cage configuration allows performing the Vogel test for up to 32 cages. The cages are associated with a LinkBox (1 for each 8 cages) ensuring the functional interaction between the lick sensor system, the LE10025 Shock generator (1 per cage) and the PackWin software for advanced protocol configuration and data acquisition.

The interconnection among the cages and the computer is carry out by a RS-232 serial communication. Such a configuration allows performing the test on a Laptop.

Specifications

LE3208	Internal memory for up to 99 trials
LE10025	Shocker intensity: from 0.1 to 2 mA; duration: from 0.1 to 10 sec

Order #	Model	Product
PY2 76-0316	LE862	Vogel Test Set (Excluding Control Unit)
PY2 76-0156	LINKBOX01	Link Box Interface for up to 8 Cages
PY2 76-0002	PACKWIN	Software to Control up to 32 Cages

Options

PY2 76-0334	LE10025	Shock Generator with Scrambler (1 per Cage) Plus Lick Detector
PY2 76-0319	LE8624	Vogel Test Nipple Plus Bottle
PY2 76-0320	LE8626	Electric Contacts for Nozzle and Grid



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