

Self Administration Box



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Key Features

- Entirely modular box
- Easily removable tray
- Associated with the very complete and flexible software PackWin
- Reduced number of cables
- Neither PC interface nor PC cards are required

Parameters Measured

- Number of responses (lever pressing or nose-spoke)
- Responses rate
- Number of reinforcement received
- Number of responses during drug injection and time-out
- And many user-defined parameters

Components Included

- Experimental chamber
- Instruction manual
- Cables and connectors
- 2 year warranty

Options

- Link box (power connection box for up to 8 modules)
- Wide range of modules
- Sound attenuating box
- PackWin software

Self Administration Box

The Panlab/Harvard Apparatus self-administration box is an entirely modular experimental enclosure designed to conduct a wide variety of different schedules for studying reward and addiction in laboratory animals.

The chamber is assembled with black aluminum walls and a transparent front door. The chambers employ a stainless-steel grid floor that allows waste to collect in a removable tray. All floor components (including the grid) are removable for systematic cleaning.

Special modules are available for self-administration and self-stimulation procedures: lever or nose-spoke, food or drink dispensers, drug delivery system and stimuli (light, sound, shock...). Each chamber is associated with a Link Box which provides power to up to 8 (expandable to 16) self-administration Modules conferring to the chambers a full autonomy. Only one cable connects the Link Box to the PC, this last for advanced protocol configuration and running.

All Panlab/Harvard Apparatus self-administration boxes are associated with the potent and versatile Packwin software which allows configuring any kind of user-defined schedules (training, priming, fixed-ratio, progressive ratio, extinction, relapse etc...) and providing relevant data in this context (number of pressing on active and inactive levers, number of injection received, pattern response graph etc...) Packwin must be ordered separately.

Model	Product	Order #
LE1002	Modular Operant Chamber, Mice	BH1 76-0151
LE1005	Modular Operant Chamber, Rat	BH1 76-0152
LE100201	Mice Shockable Grid	BH1 76-0153
LE100501	Rats Shockable Grid	BH1 76-0154
LINKBOX01	Link & Power Supply for up to 8 Chamber Modules. RS-232 Output	BH1 76-0156
LE26	Sound-proof Box	BH1 76-0157
PACKWIN	Multipurpose Behavior Software for up to 8 LINKBOX 01	BH1 76-0002
LE100265	Lever for Mice	BH1 76-0342
LE100565	Lever for Rats	BH1 76-0360
LE100267	Light Stimuli for Mice	BH1 76-0343
LE100567	Light Stimuli for Rats	BH1 76-0361
LE100290	Acoustic Stimulus (Buzzer) for Mice	BH1 76-0347
LE100590	Acoustic Stimulus (Buzzer) for Rats	BH1 76-0365
LE100250	Pellets Dispenser with Feeder for Mice	BH1 76-0335
LE100550	Pellets Dispenser with Feeder for Rats	BH1 76-0353
LE100251	Photoelectric Detector of Access (Feeder & Drink & Nose Poke) for Mice	BH1 76-0336
LE100551	Photoelectric Detector of Access (Feeder & Drink & Nose Poke) for Rats	BH1 76-0354
LE10026	Shock Generator with Scrambler, 0-2 mA Output	BH1 76-0159
Options		
LE1015	Harness Set for Drug Administration	BH1 76-0162
LE12605	Electrical Stimulator (Auto-Stimulation)	BH1 76-0161