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TRANSFORMING IDEAS
INTO INSTRUMENTS

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MOTORY COORDINATION, ACTIVITY, GRIP STRENGTH

Rotating Wheels for Rodent Activity

Cat. No. 1800 / 1850

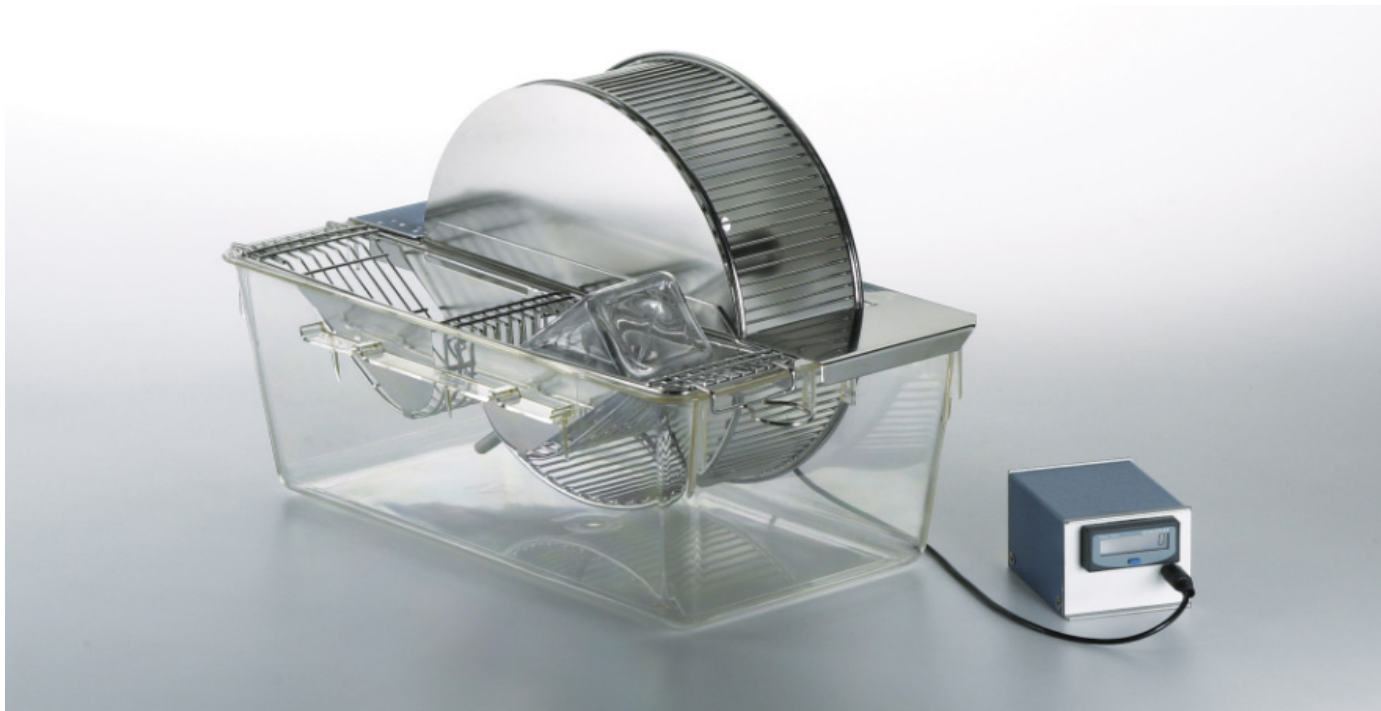
EASY MONITORING OF
RODENT MOTOR
ACTIVITY

Data Acquisition
available as optional
(52600 Interface)

General

The Activity Wheels are designed to provide an easy and convenient method for measuring motor activity in laboratory rodents, over long periods of time activity, in response to chemical or environmental stimuli.

Especially useful for research on circadian rhythms or motor function, when connected to the 52600 Interface and software ANYmaze I/O, or to other data acquisition systems.



Main Features

- Flexibility: version for rats or mice
- Easy monitoring (compatible with any Data Acquisition System)
- Clear polycarbonat cage for total visibility
- All stainless-steel wheel construction for easy maintenance

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1850 Mouse Cage

The 11850 is the classic **25 cm diameter running-wheel** made of stainless steel, provided with low friction Teflon bushing, for quite smooth action. The mouse runs on 2mm bars, placed 7 mm apart.

The wheel is housed in a clear polycarbonate cage. A stainless steel wire lid with exclusive lid locks incorporates a U-shaped food hopper for pellets; water bottle is not included.

The **Mouse cage is dimensioned 37(h)x26(w)x358d) cm.**



1800 Rat Cage

The Rat Cage is similar to the mouse model; the **running wheel has 35 cm diameter**. The 2 mm bars are placed 8.8 mm apart.

Dimensions of the **Rat Cage are 48(h)x32(w)x47(d) cm.**

Revolution Counter



Each cage is complete with magnetic switch and LCD counter. The switch counts whole revolutions of the activity wheel and operates on an extended-life battery (included).

Cages without counter, models 1800-S and 1850-S, are also available, for data collection via PC, see paragraph below.

Data Acquisition

For data acquisition an interface is required.

Our Multifunction Interface NG, Cat. No. 52600 collects data from up to 12 activity wheels.

Data are managed via ANYmaze software (full license or 60000-IO) for further analysis, statistics, etc.

When working with the Multifunction Interface, the counter is not required, so you may consider models 1800-S or 1850-S.

Ordering Information

- 1800 Rat Activity Wheel**, complete with polycarbonate cage, magnetic switch and LCD revolution counter
- 1850 Mouse Activity Wheel**, complete with polycarbonate cage, magnetic switch and LCD revolution counter
- 1800-S Rat Activity Wheel**, complete with polycarbonate cage & magnetic switch, without counter
- 1850-S Mouse Activity Wheel**, complete with polycarbonate cage & magnetic switch, without counter

Data Collection and management

- 52600 Multifunction Interface NG**, for up to 12 activity wheels (1800-S or 1850-S). It requires ANYmaze software (full license or 60000-IO)

60000-IO AnyMaze Software for I/O control

Physical

Dimensions	1800	48(h)x32(w)x47(d) cm
	1850	37(h)x26(w)x358d) cm
Weight	1800	7Kg
	1850	5Kg
Shipping weight	1800	11Kg
	1850	7Kg