



## Rotating Wheels for Rodent Activity

Cat. No. 1800

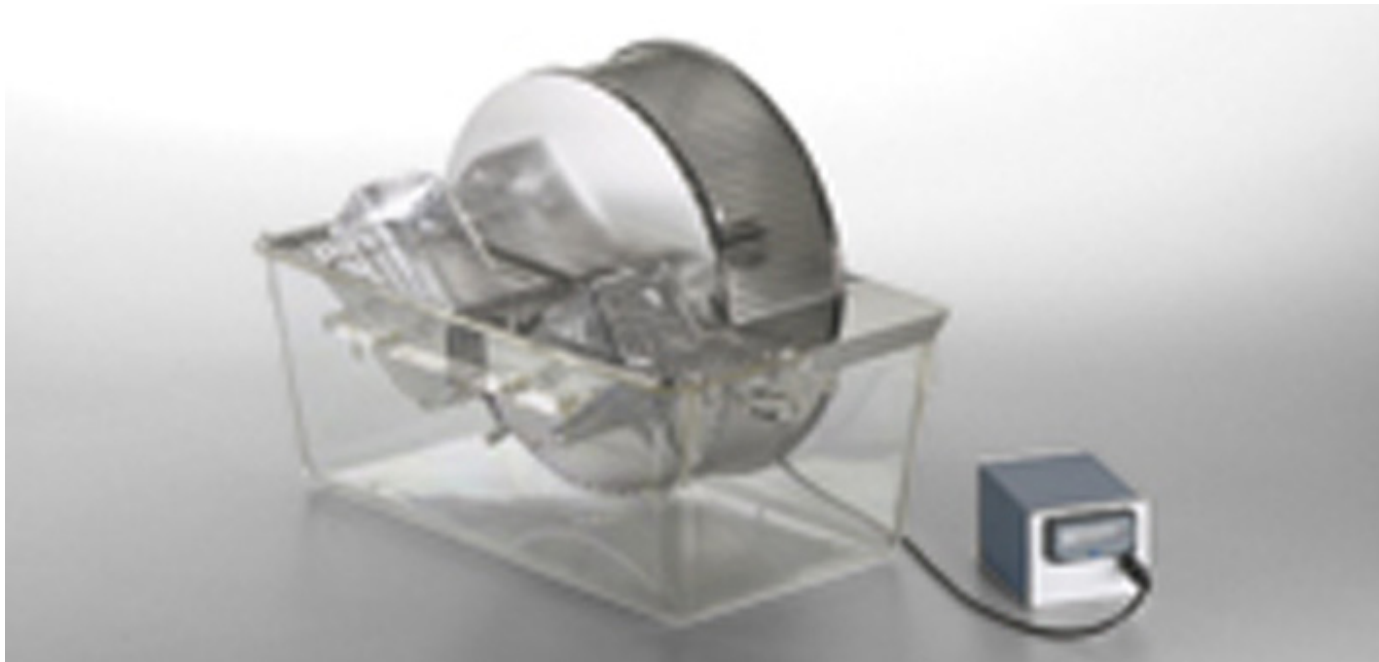
**EASY MONITORING OF  
RODENT MOTOR  
ACTIVITY**

Data Acquisition  
available as optional  
(2600 Multifunction Printer)

### General

The Activity Wheels are designed to provide an easy and convenient method for measuring laboratory rodents' motor activity over long periods of time.

Especially useful for research on circadian rhythms or motor function, when connected to the 2600 Multifunction Printer or to any other data acquisition systems.



### Main Features

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

## 1850 Mouse Cage

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 which assures total. A stainless steel wire lid with exclusive lid locks, incorporates a 500 ml water bottle and a U-shaped food hopper for pellets.

**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 revolution 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 a Multifunction Printer is required. This is a microprocessor controlled device, designed to acquire data from 6 (Cat. **2600**) independent channels (each Activity Wheel requires 1 channel).

The data, stored in the 2600 internal memory and shown on its graphic display, can be printed out in real time and/or routed to the PC, via the CUB software pro-

vided as standard

When working with the Multifunction Printer, the counter is not required, so you may consider models **1800-S** or **1850-S**. A cable 2610-F is required.



The picture above features a Multifunction Printer, with the necessary multi-cable 2610-F to connect 6 activity wheels.

## 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

## Multifunction Printers

**2600 Multifunction Printer, 6 input channels**, with microprocessor for direct connection to the PC. Complete with dedicated software 52050-01, serial cable & USB adaptor

**2610-F Multi-Connection Cable**