Rotating Wheels for Rodent Activity
Cat. No. 1800 / 1850

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 polycarbonate cage for total visibility
- All stainless-steel wheel construction for easy maintenance

Ugo Basile: more than 25,000 citations
ROTATING WHEELS
FOR RODENT ACTIVITY

1850 Mouse Cage

The 11850 is the classic 25 cm diameter running-wheel made of stainless steel, provided with low friction Te-
flon 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 incorpo-
rates a U-shaped food hopper for pellets; water bottle is not included.

The Mouse cage is dimensioned 37(h)x26(w)x358(d) 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 pla-
ced 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 ac-
tivity wheel and operates on an extended-life battery (in-
cluded).

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 polycar-
bonate cage, magnetic switch and LCD revo-
lution counter

1850 Mouse Activity Wheel, complete with polycar-
bonate cage, magnetic switch and LCD revolution counter

1800-S Rat Activity Wheel, complete with polycar-
bonate cage & magnetic switch, without counter

1850-S Mouse Activity Wheel, complete with polycar-
bonate cage & magnetic switch, without counter

Data Collection and management

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

60000-IO AnyMaze Software for I/O control

Physical

<table>
<thead>
<tr>
<th>Model</th>
<th>Dimensions</th>
<th>Weight</th>
<th>Shipping weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>1800</td>
<td>48(h)x32(w)x47(d) cm</td>
<td>7Kg</td>
<td>11Kg</td>
</tr>
<tr>
<td>1850</td>
<td>37(h)x26(w)x358(d) cm</td>
<td>5Kg</td>
<td>7Kg</td>
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