

Cage with a Rodent Activity Wheel with software ACTIVITYWHEEL

- Spontaneous motor activity and circadian rhythms
- Easy measurement of rodent activity for mice, rat and hamster
- Activity measurements via infrared sensors
- Data measured and recorded by means of our software « **ACTIVITYWHEEL** »
- Living area and free access to the wheel, up to 32 systems
- Short term/Long term monitoring



Modèles rat et mice

The **Intellibio Activity Wheel** measures and records activity parameters:

- Sense of rotation
- Distance travelled
- Numbers of turn
- Acceleration
- Total time in the wheel
- Average Speed

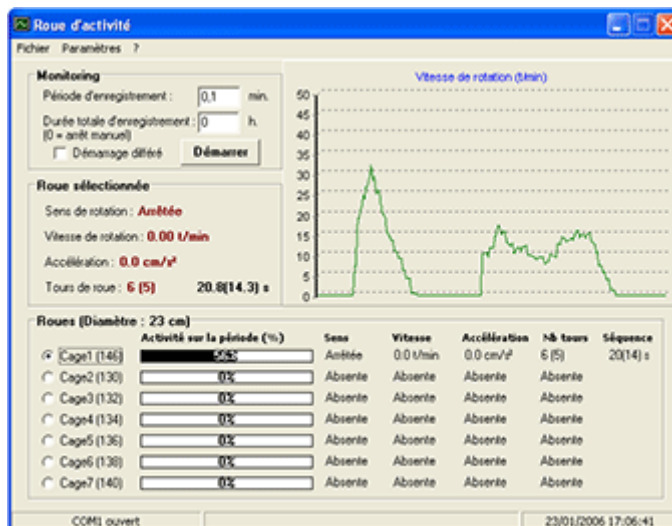
These sets of cages allow the measurement of activity variations and their timing over extended periods, making the system particularly useful for:

- **Ageing studies**
- **Studies of circadian rhythms**
- **Pharmacology (measurements before and after treatment)**
- **Temporal screening in all developmental models (prenatal and postnatal environments, inducible KB, defects, etc)**
- **Studies of inactivity**

Please contact us for more details and products.

SOFTWARE ACTIVITYWHEEL

- **Good laboratory practice (GLP)**
- Windows® 2000 and Windows® XP compatible.
- Required configuration 1GHz and 256 Mo memory.
- Monitors average activity of each wheel.
- Records data for all wheels over very long time periods.
- Visualize and record in real time the turn number, sense of rotation, speed, acceleration and distance covered.
- Activity Recording with regular interval



Option:

The Blocking Menu allows a « Blocked Period » to be planned for a selected number of wheels, with choice of timing, duration and cycle repetition (see to the user guide)

TECHNICAL SPECIFICATIONS

Cage	<p>Polycarbonate</p> <p>Mice: Overall, LxWxh 365x207x140 mm (143.70x81.49x55.12 in) Floor Area: cage without wheel: 530 cm² (82.17 in²)</p> <p>Rat: Overall, LxWxh 480x265x210 mm (188.97x104.33x82.68 in) Floor Area: cage without wheel: 940 cm² (145.73 in²)</p>
Wheel	<p>Precision: +/- 30°</p> <p>MICE: Ø: 230 mm (90.55 in) W: 75 mm (29.52 in)</p> <p>RAT: Ø 350 mm (137.79 in) W: 100 mm (39.37 in)</p> <p>Stainless steel wheel</p>
Cage cover	<p>Cover, stainless steel wire, with feeding place and water bottle place</p> <p>Falling Wire Clip</p>
Weight:	<p>Cage: 700g.</p>