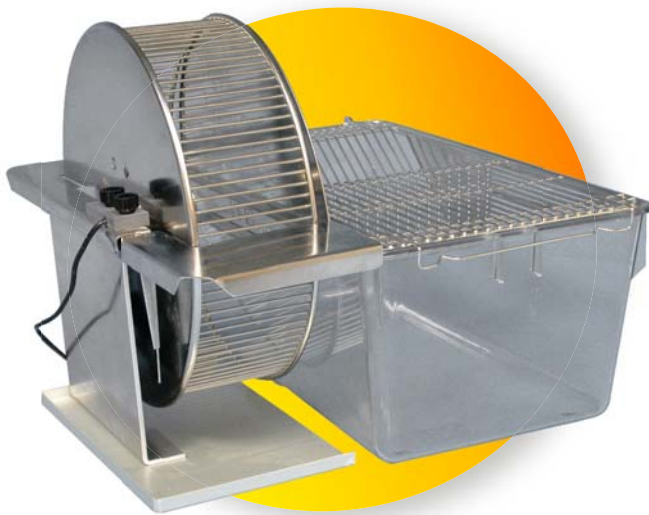


Rodent Activity Wheel

Easy way to quantify rodent voluntary exercise in their home cage environment



Key Features

- Home cage voluntary exercise registering
- Preserve animal life space
- Stainless steel wheel construction
- For rat, mice and hamsters
- Ideal for high throughput experiments

PRODUCT OVERVIEW

The rodent Activity Wheel represents a very simple and clever way to register animal physical activity in its home cage environment.

The use of this high throughput tool is particularly relevant for research involving circadian rhythms, phenotyping and drug testing.

Basically the animals are housed individually in the home cages equipped with the running wheel. The total number of wheel rotation made by the animal is displayed on the external LE907 individual counter or LE3806 multicounter devices.

LE3806 multicounter allows storing the data in user-defined time intervals and exports them to the SeDa-Com PC interface (through RS 232 serial port) in a format compatible with Excel. SeDaCom report provides additional data such as: R.P.M., Speed and Distance covered.

All the components of the wheel assembly (wheel, wheel hub and support) are made of stainless steel and are used with standard ACE (Allentown Caging Equipment) polycarbonate rodent cages provided with its wire lid. The wheel is mounted outside the home cage to preserve animal life space.

All non-electrical cage components are autoclavable.

APPLICATIONS

ACTIVITY - Circadian rhythms, exercise

COGNITION - Environmental enrichment

DISEASE MODELS - Huntington, Attention-deficit hyperactivity disorder, Addiction, Anorexia...

SPECS.	Ø Wheel	Lane Width	ACE* Cage Size
LE904	36 cm	10 cm	42 x 26 x 19(h)
LE906	16 cm	6 cm	36 x 20 x 14(h)

* Other brands available under request

ORDERING INFORMATION

LE904	76-0412	Activity Wheel with cage for Rat
LE905	76-0413	Activity Wheel with cage for Mouse
LE907	76-0414	Single Wheel Counter
LE3806	76-0243	Multicounter (up to 30 wheels) including SedaCom PC interface

Contact us for additional information

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