

PHENORACK

HIGH THROUGHPUT MONITORING OF RODENTS IN HOME CAGE



Racks

Monitor up to 32 animals in their Home cage simultaneously on racks



Precise behavior

Score behaviors: rearing, hanging, resting, food intake and many others



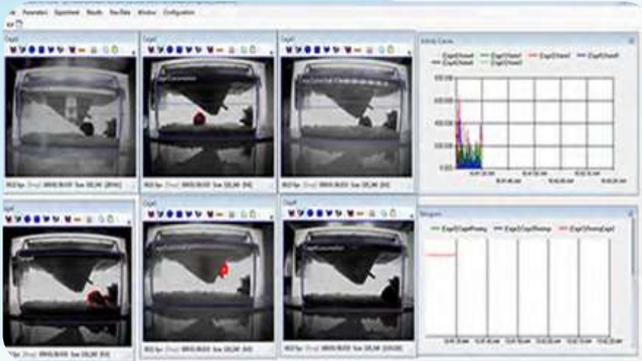
Experiment 24/7

Record and analyze global activity and locomotion non-stop 24/7

Phenorack is an high throughput system able to perform long-term observation of Rodents in Home Cages.

Plug and play !

In a few steps start monitoring the behavior of your animals in a stress-less environment. Place your already existing Home Cages, PhenoRack analyses Behaviors and movements of the animal continuously 24 hours a day, 7 days a week for an unlimited number of boxes. Generated data is summarized in a comprehensive and graphical interface. This enables to sort automatically animals with specific Phenotype.



Easy Maintenance

PhenoRack is a complete Turnkey solution including hardware and software.

The system is composed of autonomous apparatus that may be easily removed for cleaning or maintenance.

Some of the available calculations:

- Locomotion: distance travelled, speeds and duration of movement
- Behaviors: rearing, food intake (eating, drinking), resting, climbing
- Activity levels: freezing, medium movements and burst.
- Tagged recording when behavior happens



An active memory

For each experiment PhenoRack stores the automated scoring and calculated results, Raw data, Images, Videos.

You are able to replay the experiment without animals and get a new set of data based on a new settings.

High accuracy in supplied data

PhenoRack analyses from live in real time any number of animals.

High resolution and filters make it possible to adapt to the most demanding laboratory environment.

Our software is developed according to Good Laboratory Practice;

- Data security and reliability are maximized.
- Results can be easily transferred to your spreadsheet or statistical software.

PROVIDED SERVICES

Update

All updates are compatible. You can constantly improve your research.

Training

Provided with an on-site training. All the users will know how to get the best from our solution.

Remote support

Constant remote support available. We can quickly provide assistance, diagnose, and fix any issue.

Worldwide coverage

Worldwide offices. From protocol setup to assistance or maintenance, you are not alone.