BASi | RATURN™

TURN AWAY FROM TRADITIONAL TETHERING

BASi's Raturn™ is a movement response caging system that is designed for tether-based applications in awake animals. Used as an alternative to a liquid swivel or commutator, the Raturn interactively responds to animal movement to keep wires, tubing, fluid lines and cables from twisting.

- Reduce stress with less animal handling
- Eliminate swivels and commutators maintaining direct connections to your instruments
- Combine multiple fluid or electrical lines in a single animal

CUSTOMIZABLE AMD-R SYSTEM

- Customizable for your research needs
- Keep pumps and collectors close to the animal to minimize dead volumes

The Raturn consists of a turntable and drive mechanism connected to a control box. The rat or mouse is placed into a cage (sold separately) and tethered to a counterbalance arm. The animal can move up to 280° before activating the optical sensor, causing the cage to counter rotate to prevent twisting. The optional Raturn Activity Monitoring System easily integrates with the Raturn to observe changes in locomotor activity following treatments. Metabolic floor inserts also available for collection of metabolic waste products.

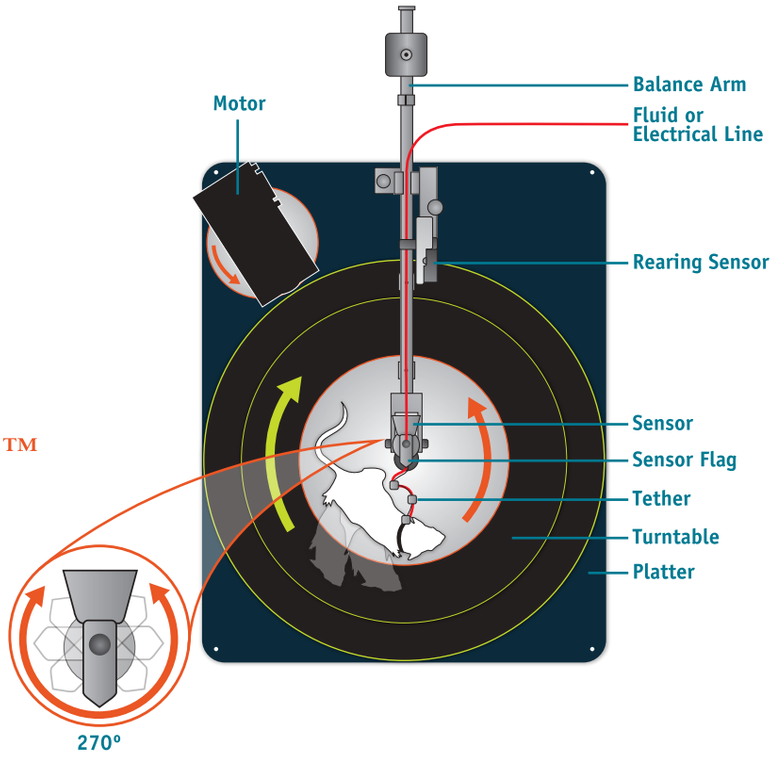
BASi | RATURN™

STAND-ALONE RATURN

- Compact option to maximize limited bench space
- Economical replacement for swivel based system

BASi's Raturn systems are used in academic and pharmaceutical laboratories and CROs in a wide range of applications including:

- In vivo Microdialysis
- Blood Collection
- Optogenetics
- Infusion & Biosensor Implants
- Pressure Monitoring
- ECG
- Locomotor Activity



RATURN™

CALL BASI FOR ASSISTANCE SELECTING THE SYSTEM BEST SUITED FOR YOUR EXPERIMENT

or visit www.basinc.com for a complete list of Raturn configurations

PLAN
Work with BASi staff to choose the frame, caging and accessories that suit your protocol

PERFORM
Combine dosing, sampling and electrical lines in one subject for a complete pharmacology profile

PUBLISH
The Raturn system boasts more 250 publications in the last 10 years in a variety of applications

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