

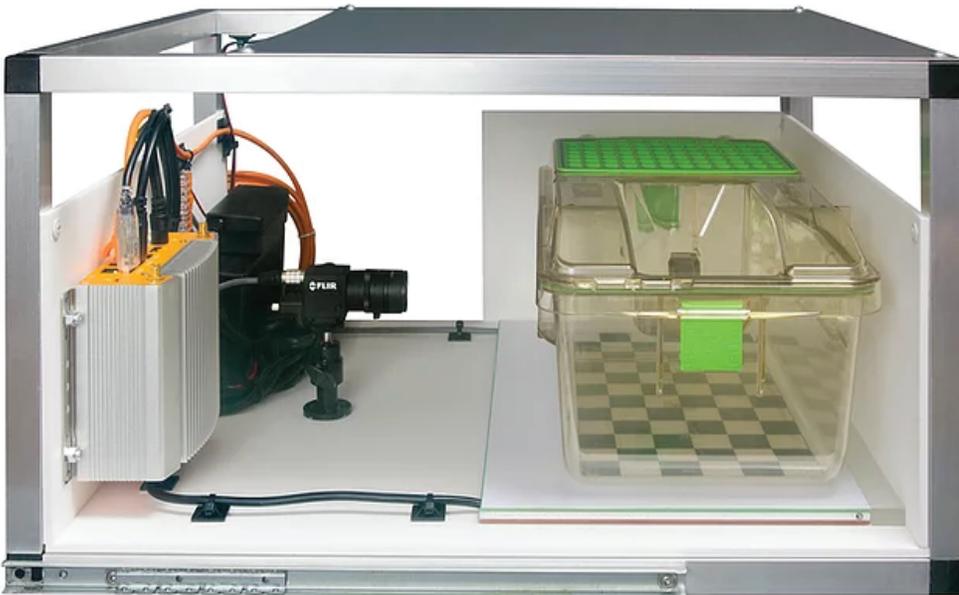
HOME CAGE ANALYZER

24/7 Data Capture and Analysis of Complex Behaviors of Group-Housed Rodents in their Real Home Cage!

ActualHCA (Home Cage Analyzer) is an innovative home cage analysis system that provides 24/7 monitoring of rodent behaviors in a group-housed environment.

IMPROVE YOUR DATA

With ActualHCA there is no need to remove individual rodents from their social groups and home cage. With a combination of RFID, video and analysis, ActualHCA delivers highly reproducible and robust data across a range of scientific applications!



APPLICATIONS

Areas of Research

Drug Efficacy

Circadian Rhythms

Toxicological Effects
of Candidate Drugs

Behavioral
Phenotyping

Social Interactions

Animal Cohorts

And much more!

www.bocascientific.com

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HOME CAGE ANALYZER

ActualHCA gathers data 24/7 in the least invasive way possible. The technology is a modular, scaleable and universal solution which can be installed in all animal facilities.



ActualHCA Mouse Desktop



ActualHCA Rat Desktop



ActualHCA Rat Rack Installed

Socially Grouped Animals

RFID microchips allow the system to record and analyze individual rodent behavior

24/7 Analysis

Infrared lighting provides HD quality video day and night

Universal & Scalable

Fits with most standard IVC racks; multiple units can be installed per rack

Multiple Data Levels

Collects data for each individual animal on various levels, locomotor, temperature and behavioral

3Rs Benefits

Non-invasive monitoring for enhanced welfare

Remote Access

Remotely observe your animals throughout the experiment via a live video feed

Live Alert System

Data events from live analysis can be used to drive welfare alerts

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