

Equipment



Coulbourn Tru-Scan Activity Arenas

Used in assays of:

Locomotor Activity

Stereotypy

Conditioned Startle



The RBF has four Tru -Scan Activity arenas for use; two small sized arenas for mice (model # E63-10) and two larger sized arenas for rats (model # E63-20). The Tru-Scan systems can be used to accurately measure locomotor behaviors including total distance traveled, number of rearing events, time spent in movement, time spent in rest, etc. A shock floor is available for the mouse and rat arenas, which enables measurement of conditioned startle responses. The photo-beam based sensor systems are powered by PC workstations featuring user-oriented software. The Tru-Scan control and Data Acquisition Software runs on Windows XP, and the real power of the system resides in the software, which can be easily modified to fit the user's needs and is easy to use.