

# Equipment



## **Kinder Startle Station**

**Used in Assays of:**

**Tinnitus**

**Startle Reflex**

**Pre-Pulse Inhibition**

The Rodent Behavior Facility houses four Kinder Scientific Startle Reflex Stations with accompanying CPU and proprietary Kinder Startle® software. Each arena consists of a small rodent enclosure assembly sitting atop force transducers. Additionally, each arena is outfitted with speakers and audio equipment capable of emitting noise bursts of specific frequency and intensity delivered in a precise temporal pattern designated by the operator. The reaction of the animal is recorded as the force applied to the floor of the enclosure within a defined period of time immediately following the presentation of the tone. The equipment can be utilized for rats or mice and can be useful in models of tinnitus, hearing loss, and schizophrenia.