

# Equipment



## **MED-Associates Rota-Rod**

**Used in assays of:**

**Motor Coordination and Balance**

**Ataxia**

**Drug-induced Motor Impairment**



The RBF has Rota-Rod stations for both rats (model # ENV-575) and mice (model # ENV-575M). The Rota-Rod treadmills from MED-Associates are designed to accurately measure motor coordination and balance. Each Rota-Rod treadmill consists of a computer-controlled motor-driven drum with constant or accelerating speed of rotation. The mouse apparatus is divided into five test zones so that up to five subjects may be tested at the same time. For rats it is divided into four test zones so that up to four subjects may be tested at the same time. Rotation speeds can vary between 2-40 RPM. Amount of time spent on the treadmill is accurately recorded using photo-beam sensors.