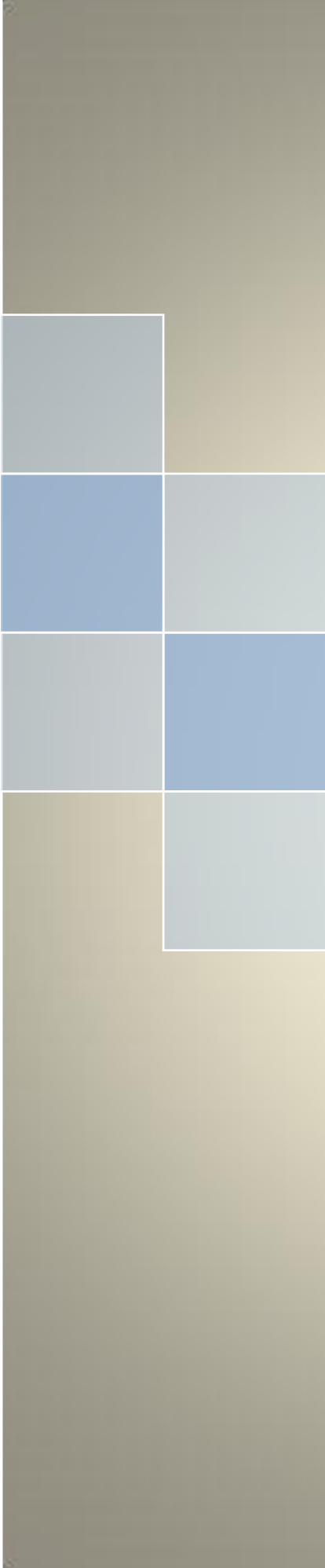


# Borj Sanat azma

Physiology and pharmacology laboratory  
instrument



## Rotometer



The Rotometer is used for recording rotations in unrestricted mice, by measuring the animal movement. The Rotometer is widely used in research on motor assessment tests, in traumatic and acquired brain injury research and spinal cord injury research. There are several well-characterized causes for animals to exhibit rotational behavior:

- 1) Unilateral higher expression of levels of neurotransmitters (such as GABA or dopamine). Some brain tumors can cause aberrant expression levels to occur. Injury may also interfere with proper neurotransmitter expression and cause some localized change in neurotransmitter expression.
- 2) Developmental anomalies
- 3) Anxiety/stress
- 4) Exposure to some drugs, or drug abuse, or withdrawal from some drugs
- 5) Physical lesions

### Specification:

<b>Base dimensions (HxWxD)</b>	<b>15cm X 20 cm X 8 cm</b>
<b>Cylinder dimentions (RxD)</b>	<b>40 cm X 50 cm</b>
<b>Power Requirements</b>	<b>220V, 50/60Hz</b>