



MMMPP
Melbourne Mouse Metabolic
Phenotyping Platform



THE UNIVERSITY OF
MELBOURNE

Grip strength

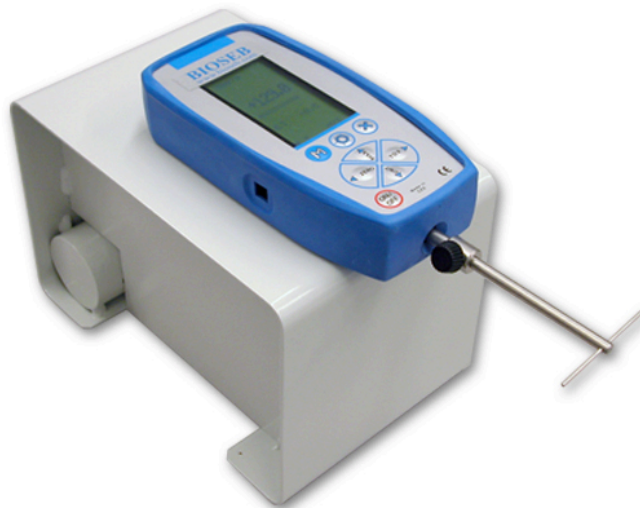
1. Experiment

Use a grip strength meter to measure maximal peak force

2. Aim

To measure and compare mouse limb strength

3. Equipment



The grip strength meter from BioSeb allows the study of neuromuscular functions by determining the maximal peak force developed by a mouse when the operator tries to pull it away of a specially designed grip bar.

4. Training requirements

Researchers are required to complete adequate training prior to independent use. Training takes approximately 30 min and is usually scheduled to coincide with the first booking of a new user.

5. Experiment design considerations

Variations in techniques between researchers can alter the results so it is recommended that the same researcher performs all the tests when comparing subjects.

6. Monitoring

During the experiment mice are monitored for signs of discomfort and/or distress. Mice are observed throughout the procedure and 15 minutes after their return to home cage.

7. References

https://www.bioseb.com/bioseb/anglais/default/item_id=48_Grip-Test.php