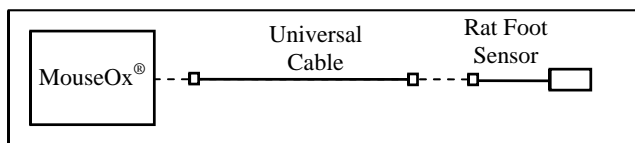


Rat Foot Sensor Instruction Sheet

The Rat Foot Sensor must be used on ANESTHETIZED rats ONLY!!



Thigh/Rat Foot Sensor Sizing

Sensor Type	Mouse Weight Range (gm)	Rat Weight Range (gm)
Thigh	< 60	= 100
Rat Foot	N/A	> 100

When to Replace Sensor Clips

The clips are designed to be disposable. You should replace them in the following situations:

- 1] significant buildup of hair or material covering the clip faces,
- 2] good signals (data values on the software screen are in color) take an inordinately long time to appear,
- 3] presence of any mechanical defect in the sensor.

Attaching the Sensor and Making Measurements

- 1] Anesthetize the animal, then connect the MouseOx®, Universal Cable and Mouse Thigh Sensor.
- 2] Place the animal either prone or supine on the lab bench surface. Place the Rat Foot Sensor on the foot of the animal so that the sensor protrudes directly off the end of the foot past the toes, as shown in the figure below.



It is also important to observe the following:

- Make sure that the clip is **CENTERED** on the foot laterally
 - Do not place the clip on the base of the foot near the ankle
 - Do not place the clip too far toward the toes such that light can pass directly between the sensor pads without passing through tissue.
- 3] Check that the wiring assembly is connected to the MouseOx®, then start the software. You **MUST USE** Revision 6.3 or higher with the ThroatClip™. Follow the menu of buttons, choosing those appropriate to your measurement conditions.
 - 4] If signals do not come in quickly, or performance degrades over time, try the following:
 - Re-position the sensor
 - Replace the sensor