LAB ANIMAL RESEARCH EQUIPMENT

**Non-Invasive Blood Pressure Monitor:** Measures systolic, diastolic, mean blood pressure as well as heart rate of mice and rats. The system works on the tail cuff method utilizing a sensor cuff and occlusion cuff. Can measure 1 to 8 animals and system includes software.

**Humane Animal Treadmill:** Accommodates 3 rats or 6 mice. Electric stimulus counts the number of shocks & stops at a user defined number. Features adjustable speed and inclination. Enclosed models also available for VO2/VC02 measurements.

**Ventilator:** Interchangeable pistons that allow for more accurate ventilation volumes (0.1-100 ml). Pistons never require lubrication. The breath rate is adjustable 6-200 BPM. AS IS THE INSPIRATION/EXPIRATION RATIO 1:1-1:4.

**CLAMS:** Comprehensive lab animal monitoring system, developed in collaboration with the Jackson Laboratory. Can measure up to 11 parameters including VO2/VC02, feeding, drinking, activity, and urine production.

**Microcapnograph:** Measures end tidal CO2 & N2O in small and large animals (mice, rats, dogs & horses). Under anesthesia, features a very small sample rate (5 ml/min @ 100 BPM to 20 ml/min @ 300 BPM). Data is displayed both numerically and graphically on the front panel.

**Cardiac Output Computer:** Measures cardiac output by thermodilution. The system also measures blood pressure & heart rate. Suitable for animals ranging in size from mice to horses.

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