### LAB ANIMAL RESEARCH EQUIPMENT

#### INEXPENSIVE EXERCISER
- For rats and mice -- 4-lane exerciser.
- Electronically controlled speed.
- Electric stimulation grids.

#### GRIP STRENGTH METER for rats and mice
- Objectively measures animal deficiency in strength.

#### END TIDAL CO2 METER
- * Can be used for Rats
- * Extremely small air sample flow -- 5ml/min.
- * Analog output to most recorders.
- * Digital display N2O measurements.

#### INEXPENSIVE ANIMAL ACTIVITY METERS
- "Mini" activity meter uses standard plastic cages.
- * Can be used with rats or mice.
- * 15 Infrared sensors.
- * Separates ambulatory from total activity.
- * Multi-cage system available w/ IBM-PC interface.

#### CARDIAC OUTPUT FOR RATS
- * Thermodilution method using 1/3 mm temp. microprobes.
- * Can be interfaced to an IBM-PC.

#### VENTILATORS
- * Mechanical (piston) positive pressure ventilators for rodents and larger animals.

#### ECONOMICAL O2/CO2 METABOLIC SYSTEM
- * O2 Consumption/CO2 production computer (IBM-PC).
- * Open-circuit indirect calorimeter.
- * Completely computerized.
- * Single channel.
- * Also available-multi-channel systems for rats, mice, bacteria, horses, and humans.

#### 256 POINT THERMOMETER
- * Interface to IBM-PC for 1 to 256 thermocouples.
- * Variety of temp. probes (rectal, skin, implantable).
- * Software provides graphics and real-time plotting.
- * Also special software for Pyrogenic Activity studies.

#### MAZES -- "FIGURE 8" AND "RADIAL ARM"
- * Computerized system with universal maze software (for IBM-PC) monitors interruption of 128 IR sensors.
- * Data LOTUS 1-2-3 compatible.

#### VIDEO TRACKERS FOR WATER MAZES
- * Measures activity, distance traveled, pattern of movement, & rotations of multiple animals w/ 1 TV camera.
- * Vertical activity (3-D) measurements w/ 2 cameras.
- * Ideal for water maze, human and animal gait analysis.

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For our complete catalog please contact: Columbus Instruments International Corp.

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