

BLOOD PRESSURE

RESTRAINTERS

CATHETERS

ANALGESIA

BEHAVIORAL/ACTIVITY

ANIMAL RESPIRATORS

SYRINGE PUMPS

TEMPERATURE PROBES

The IITC Rotarod is used to assess the effect of drugs on the motor coordination or fatigue resistance on mice and rats using one unit in a safe and humane way. The animals are placed on textured drums to avoid slipping. When an animal drops onto the individual sensing platforms below, test results are recorded.

IITC's Rotarod has the capabilities of having up to five mice or rats tested at any given time.

The user can select from one to five lanes to be included in an experiment. For mice experiments 1¼ inch diameter drums are supplied and for rat experiments 3¾ inch diameter drums are supplied. All that is needed is a standard phillips screwdriver to change the drums, no other tool required.

The LED display shows all test results for each animal position; they are: Stopping RPM, length of test and distance traveled.

Animals drop is sensed by accurate magnetic switches that never need adjusting versus other units on the market today which use photoelectric sensing. Vertically sliding acrylic front panels prevent escape of animals.

Literature Reference: Jones & Roberts, F. Pharm., Pharmacol., 1968, 20, 302

The electronic gear is built into the base of the unit. All parameters are digitally controlled and entered via the keypad on the front panel. Start, stop and reset buttons are also on the front of the unit. An LED display allows the user to view all parameters and test results.

Key features of the IITC Rotarod are the following:

- Adjustable test length: 1 to 999 seconds.
- Adjustable start speed: 0 to 45 RPM's.
- Adjustable top end speed: 45 RPM's.
- Adjustable ramp speed: 0 to 999 seconds.
- Forward, reverse mode
- Distance recorded in Meters

- Two Year Warranty
- CE certified
- Power: 120/240 VAC Switchable



Features

- No adjustments required on sensing platforms
- Digitally controlled
- Five (5) lanes standard
- Adjustable test length
- Adjustable start speed
- Adjustable top end speed
- Adjustable ramp speed
- Forward and reverse rotation mode
- Distance recorded in Meters
- USB and RS232 Standard
- Printer output standard
- Software for data collection (optional)
- Thermal printer (optional)

Part #	Description
755	Rotarod Treadmill one unit for mice and rats
Series 8	Software