

The IITC Expandable Treadmill and Rota Rod



The IITC Model 800 Expandable Treadmill

The IITC Expandable Treadmill is a state of the art exerciser for rats and mice. The only commercially available unit on the market that can be used for rats and mice. Optional dividers (Model 810) can be ordered for mice. The user enters the parameters either via the front panel keypad or with the optional windows compatible software (Model 32). The optional software enables the user to store all test results. In addition, the unit is also capable of having all controlling elements entered from the software program. The IITC Expandable Treadmills come standard with a shock grid. The shock grid has an adjustable intensity of 0.25 to 1.75 milliamperes. The exercise lanes have a 133 mm (5.25 in) width for rats and if the optional mouse dividers are ordered the lanes become 64 mm (2.5 in) for mice.

Another unique feature of the IITC Expandable Treadmill is that the desired length of the actual test can be entered via the keypad, this will cause the belt to automatically stop when the test is completed. In addition it is possible to change the incline of the treadmill from -15° up to 35°. The unit has a two year warranty.

Catalog No.	Model	Product
CGS 8009.70	800	Expandable Treadmill, 115 VAC, 60 Hz
CGS 8010.70	800	Expandable Treadmill, 230 VAC, 50 Hz
CGS 8011.70	8110	Dividers for Treadmill, converts rat size lanes into mouse size lanes

- One unit for rats and mice
- LED display: shows speed, distance, number of times animal falls off the end of the lane
- Parameters can be entered with the front panel keypad
- Shock grid with user selectable current adjustment
- RS-232 Output
- PC Software available
- Speeds of 0 to 1 meter per second
- Expandable to four lanes
- Tread Angle adjustable



The IITC Model 720A and 730A Rota-Rod

The IITC Rota-Rod is used to assess the effect of drugs on the motor coordination or fatigue resistance on mice and rats. The IITC Rota-Rod has four individual stations with their own dedicated LCD panels. The four LCD readouts have individual start, stop and reset timer controls. The animals are placed on a non-slip drum. The drum size is three centimeters in diameter for mice and seven centimeters for rats. When the animals drop onto the individual sensing platforms below the drum, the individual timers stop and record the times of each station being used.

The rotating drums speed is adjustable from a few RPM's up to 35 RPM's. The drums reach their top speed in a few seconds. The acceleration speed is adjustable.

The equipment is supplied with a drum for either four rats or four mice. The rods may be exchanged for a different size, making this system truly flexible. There is also a unit that is supplied with all the necessary components to work with either rats or mice.

- Ideal to assess the effect of drugs on the motor coordination or fatigue resistance on mice and rats
- For up to 4 rats or mice
- Available with or without adjustable acceleration
- Adjustable speed up to 35 rpm

Catalog No.	Model	Product
CGS 8012.70	720A	Accelerating Speed Rota-Rod for Rats, 115 VAC
CGS 8013.70	720A	Accelerating Speed Rota-Rod for Rats, 230 VAC
CGS 8014.70	730A	Accelerating Speed Rota-Rod for Mice, 115 VAC
CGS 8015.70	730A	Accelerating Speed Rota-Rod for Mice, 230 VAC
CGS 8016.70	740	Rod Only for Rats
CGS 8017.70	752	Rod Only for Mice
CGS 8018.70	755	Accelerating Speed Rota-Rod for Mice and Rats, 115 VAC
CGS 8119.70	755	Accelerating Speed Rota-Rod for Mice and Rats, 230 VAC