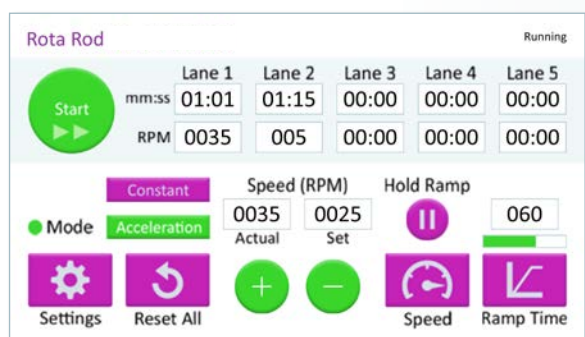




Rota Rod for Motor Coordination, Endurance, and Fatigue Resistance Studies



KEY FEATURES

- NEW Touchscreen User Interface
- Combined Rota Rod for mice and rats available
- Mechanical detection of fall
- Individual lane timers
- Constant speed and fixed acceleration rate modes

PARAMETERS MEASURED

- Animal latency to fall
- Rotation speed when fall occurs

COMPONENTS INCLUDED

- Rota Rod unit with integrated control panel
- Cylinder for mice, rats or both depending on the model
- Extension hood for rats (only LE8305, LE8505, and LE8355)
- Cables and connectors
- Certificate of calibration
- Instruction manual
- Set of spare fuses
- 2 year warranty

OPTIONS

- SEDACOM software



Our Rota Rod provides an easy way to test the effects of drugs, brain damage, or diseases on motor coordination or fatigue resistance in rodents.

The animal is placed on the rotating lane of the Rota Rod and the timer is started. When the animal drops safely into its own lane, the time latency to fall (minutes and seconds) and rotation speed are automatically recorded. A removable upper separator for rat models is included to prevent interference between animals running in adjacent lanes.

The Rota Rod is controlled by an advanced microprocessor which provides precise timing control and ultra-accurate speed regulation. Rotation can be electronically set at a constant speed (4-40 rpm). Alternatively, acceleration rate may be selected at a defined time (30 sec to 10 min, 1 sec increments). Acquired data is saved in table form by lanes/trials.

Now even easier to use! The new touchscreen graphic user interface allows clear visualization of timing and speed for each lane. Change modes, adjust speed, and create protocols right from the main screen for greater flexibility with maximum functionality and usability.

BIOSEB - Rota Rod for Motor Coordination

Specifications							
Model	Base Unit Dimensions mm (inch) (W x D x H)	Total Height mm (inch)	Fall Height cm	Lane Width mm (inch)	Drum Diameter mm (inch)	Rod Diameter mm (inch)	Extra Hood Height mm (inch)
LE8205	362 x 240 x 375 (14.25 x 9.45 x 14.75)	400 (15.75)	20	50 (2)	250 (9.8)	30 (1)	NA
LE8305	362 x 240 x 375 (14.25 x 9.45 x 14.75)	400 (15.75)	21.5	75 (3)	250 (9.8)	60 (2)	130 (5)
LE8505	362 x 240 x 375 (14.25 x 9.45 x 14.75)	400 (15.75)	20 (mouse drum); 21.5 (rat drum)	50 (2) - mouse drum; 75 (3) - rat drum	250 (9.8)	30 (1) - mouse drum; 60 (2) - rat drum	130 (5)
LE8355	362 x 245 x 624 (14.25 x 9.65 x 24.57)	649 (25.55)	47	153 (6)	250 (9.8)	80 (3)	130 (5)

Ordering Information		
Order #	Model	Product
76-0770	LE8205	Accelerating Rota Rod with Touchscreen, 5 Mice
76-0771	LE8305	Accelerating Rota Rod with Touchscreen, 4 Rats
76-0772	LE8505	Accelerating Rota Rod with Touchscreen, 4 Rats or 4 Mice
76-0773	LE8355	Accelerating Rota Rod with Touchscreen, 2 Large Rats
Options		
Order #	Model	Product
76-0406	SEDACOM	Sedacom V2.0 Software
Spare Parts		
Order #	Model	Product
76-0373	LE8580	4 Rat Drum for LE8505
76-0374	LE8550	4 Mice Drum for LE8505



The NEW model LE8305