



MK-630B is a low cost & portable single lane rota-rod treadmill and used to assess the effect of drugs, brain damage, diseases on motor-coordination or fatigue resistance. It can be used for both rat and mouse. The instrument consists of main unit (MK-630B) and a rat adaptor. The revolving speed can be set for the range of 1 - 40 RPM by 1 RPM steps. When the animal stops running and falls off the rod onto the plates, the counting stops and staying time on the rod is displayed on LCD. Falling is detected by micro switch. The RS-232C interface is provided on the rear panel of the main unit. Using the attached Data Collection Software (Windows Version) the data obtained can be exported to a personal computer and stored as a CSV file.

Features

- Low cost and portable.
- It can be used for both rat and mouse.
- The revolving speed can be set for the range of 1 - 40 RPM by 1 RPM steps.
- Constant or accelerated speed mode can be selected by the key.
- Data Collection Software comes supplied with the instrument.

Specification

Model		MK 630B
Revolving Speed		1 - 40 rpm (by 1 rpm steps) Can be preset on LCD
Rod Diameter		Rat : 90 mm Mouse : 30 mm
Material of Rota		Polyvinyl Chloride
Flange to Flange Distance		80 mm
Display		Operation Mode, Time Elapsed (3 digit, by second)
Power		AC 85-240V 50 or 60 Hz
Dimensions		260W × 400D × 420mmH
Weight		Approx. 6 kg
Acceleration	A1	2.0-20 rpm
	A2	2.5-25 rpm
	A3	3.0-30 rpm
	A4	3.5-35 rpm
	A5	4.0-40 rpm