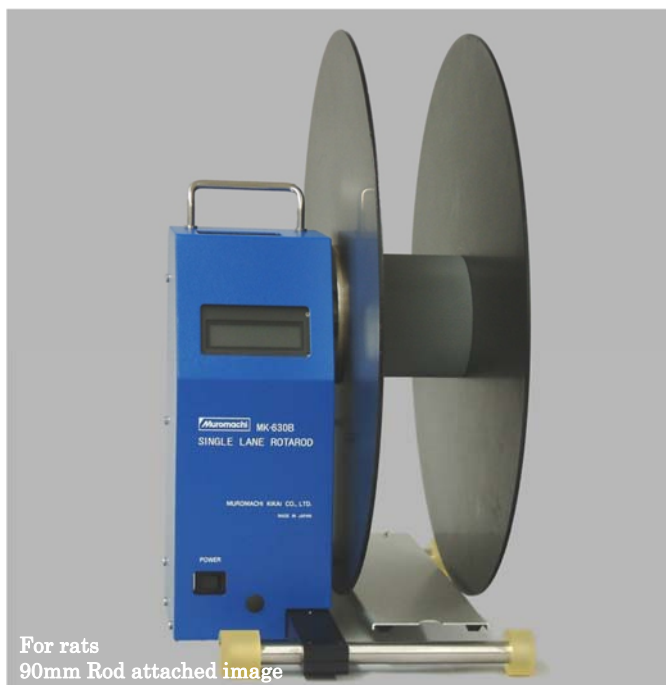


# MODEL MK-630B LOW COST & PORTABLE SINGLE LANE ROTA-ROD TREADMILL FOR RAT & MOUSE



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.

**In addition to the conventional function (MODE 1), acceleration mode (MODE A) is included in the standard system.**

## Main 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.

## SPECIFICATIONS

MAIN UNIT	
Revolving Speed	1 - 40 RPM (by 1RPM steps) Can be preset on LCD
Rod Diameter	Rat : 90 mm      Mouse : 30 mm
Material of Rota	Polychloride Vinyl
Flange to Flange Distance	90 mm
Display	Operation Mode, Time Elapsed (3 digit, by second)
Power	85-240V AC 50/60 Hz
Dimensions	W260 x D400 x H420 mm
Weight	Approx. 6 kg

MODE 1	
Revolving Speed	1 - 40 RPM (by 1RPM steps)
Display : LCD	Revolving Speed, Time Elapsed

MODE A		
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
NOTE: 2.0 - 20 rpm indicates that the revolving speed is first set at 2.0 rpm and finally reaches 20 rpm in the five minutes.		
Display : LCD	Revolving Speed, Time Elapsed	

The Standard System Includes:	
MK-630B Main Unit	1
Rota for Rat	1
Rota for Mouse	1
DCS-MRR Data Collection Software (Windows Version)	1
USB-Serial cable	1
Operation Manual	1

Specifications are subject to change without notice.