

Product Name :
Rota Rod 4 Comp

Product Code :
PHARMACEUTICAL SUK-
AS03LAB085A



Description :

Rota Rod 4 Comp

Technical Specification :

A versatile built with LSI chips is equipped with Four/ Two/Three compartments and Four/Two/Three independent 4 digits. Digital milliseconds timer for measuring the fall-off time of the mice. Rota Rod is the instrument meant for studying the effect of on the muscle grip strength of mice. It is also equipped with a motor coupled with rotating rod whose speed can be varied with the help of the front panel knob marked with an arrow or speed less than 10 RPM.

The loss of muscle-grip is an indication of muscle relaxation, this can be easily checked in animals, using ROTAROD. One of the important pharmacological actions of antianxiety of agents of class of drugs is muscle relaxing property. The skeletal muscle relaxation together with taming or calming effect these agents reduce anxiety and tension.

The difference in the fall of time from the rotating rod between the control and treated animals is taken as an index of muscle relaxation. The rate of rotation of the rod should be adjusted such that normal mouse can stay on the rod for an appropriate period of time.



Astra Scientific

www.astrascientific.com, **Email:** info@astrascientific.com

Address: K-88, 20th Street, Annanagar, Chennai, India – 600040 **Phone:** +91-8860605265