

# TAIL FLICK ANALGESY METER

## MK - 330B



MK-330B Tail Flick Analgesy Meter is used for the investigation of the effect of the analgesic drugs, especially suitable for strong narcotics.

Rats are restrained with a cloth and placed on the top of the instruments. The tail is placed in a sensing groove. The sensing is photoelectric and eliminates the reaction time of the operator to influence the results. This instrument can be used for both rats and mice.

The shape and angle of the groove follows the natural form of the tail. In addition a pinhole located 1 cm away from the beam spot serves to allow the photosensor to detect the flicking of the tail.

Beam intensity is adjustable for the temperature of approximately 60 °C - 180 °C. Photo-sensor is located under the sensing groove. If the sensing pinhole is not covered with the tail, the instrument does not work.

Using the Data Collection Software DCS-TF&HP (Windows Version) the data obtained can be exported to a personal computer and stored as a CSV file.

<b>SPECIFICATIONS</b>	
Heating Method	Halogen lamp with reflector
Bulb	JCR 8V 50W
Beam Intensity	Approx. 60 °C - 180 °C
Time Base	Quartz
Display	LCD : 3 digits (0.1sec steps)
Sample No.	2 digits (auto-increment)
Power Consumption	Approx. 200W 90-110V 50/60 Hz
Dimensions	380W × 240D × 100mmH
Weight	Approx. 6 kg

<b>STANDARD ACCESSORIES</b>	
Pedal Switch	1
Dust Cover	1
DCS-TF&HP Data Collection Software	1
USB-Serial cable	1

<b>OPTIONAL EXTRA</b>
Printer

Specifications are subject to change without notice.