

MODEL MK-350D

HOT PLATE ANALGESIA METER



MK-350D Hot Plate Analgesia Meter is designed for the investigation of the effect of the analgesic drugs.

When a rat is placed on the hot plate kept at a given temperature, it starts to show, depending upon the preset temperature, the responses such as

1) Licking the paw 2) Rearing 3) Jumping

When the desired response is recognized, step on the pedal switch or press the START-STOP switch and the response time will be displayed on the LCD.

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

Temperature can be set from ambient temp. to 80°C by 0.1°C steps.

Response time measurement is available in two modes: (1) One response time (2) Up to 3 response time

SPECIFICATIONS	
Temperature Range	Ambient temperature -80°C (1°C steps)
Temp. Accuracy	±0.5°C ±1 digit
Temp Display	LCD 3digits 0.1°C steps, protected by thermal fuse
Hot Plate	Material : Aluminum : OD190 x 10mmH Test Surface : Special coating
Time Measurement	By START-STOP switch or Pedal Switch Time Base : 100kHz ± 5ppm crystal Display : LCD 4 digits 999.9 sec max. (0.1 sec steps)
External Output	RS-232C 9600bps, D-sub 9P male
Printer Output	RS-232C 9600bps, D-sub 9P male
Animal Cage	Material: Clear acrylic (200φ x 250mmH)
Power Consumption	310W AC 90-110V 50/60Hz
Instrument Dimensions	300W × 300D × 110mm H
Weight	Approx. 7kg

STANDARD ACCESSORIES	
Pedal Switch	1
Animal Cage	1
Dust Cover	1
DCS-TF&HP Data Collection Software	1
RS232C Communication Cable (1.5 m)	1

OPTIONAL EXTRA
Printer

Specifications are subject to change without notice.