

MODEL MK-350HC

HOT/COLD PLATE ANALGESIA METER



MK-350HC Hot/Cold Plate Analgesia Meter has been developed for both conventional Hot Plate tests and Cold Pain tests.

When a rat is placed on the 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 4) Shaking the paw 5) Shivering

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 2 to 80°C by 0.5°C steps.

Operation is very simple.

SPECIFICATIONS	
Temperature Range	2 -80°C (0.5°C steps), protected by thermal fuse
Temp. Accuracy	±0.5°C
Temp Display	LCD 3digits 0.1°C steps,
Hot Plate	Material : Aluminum : O.D.190 x 10mm t 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 AC90-110V 50/60Hz
Instrument Dimensions	300W × 300D × 170mmH
Weight	Approx. 7kg

STANDARD ACCESSORIES	
Pedal Switch	1
Animal Cage	1
Dust Cover	1
DCS-TF&HP Data Collection Software	1
USB-Serial cable	1

OPTIONAL EXTRA
Printer

Specifications are subject to change without notice.