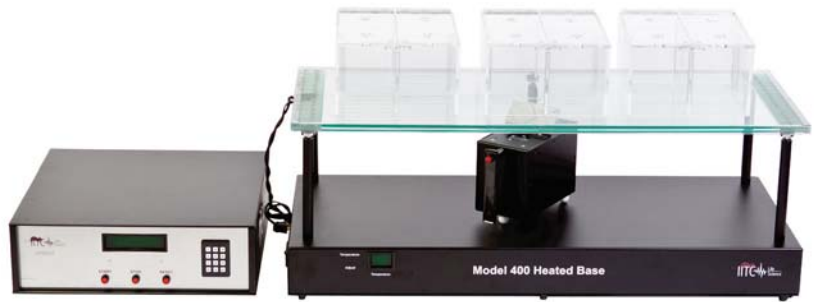


# Plantar Test Analgesia Meter

## Features-

Adjustable beam intensity  
in 1% increments ambient to 250 deg. C  
6 Rats - 12 Mice Standard  
Heated glass option only from IITC  
Footswitch - RS232  
Software - USB - (optional)



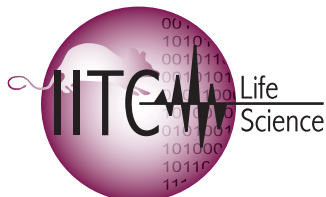
The IITC Plantar Analgesia Meter for thermal paw can be used on 12 mice, 6 rats and other animals (cats, rabbits) unrestrained when testing for narcotic drugs. Experiments are easy to perform, simply slide the test head under test subject, align the heat source via our exclusive guide light (idle state) by the attached, adjustable, angled mirror on test head to test subject and perform tests.

With our exclusive "idle state" of the heat source one is assured of exact placement of the heat source as well as mirror which is placed on top of heat source. Tests are performed on the plantar surface by a focused, radiant heat light source. The light beam is focused to the top of the glass and creates a 4X6mm intense spot on the paw. Start, stop and reset of tests is done by either the pushbutton on test head, front panel controls or supplied footswitch.

Our method of visible light is superior to the infrared light method, since a user will not always know exactly where/when the test will start, causing false starts and conditioning of animals. A built-in timer displays reaction time in .01 second increments.

The height of the glass is adjustable allowing the focal point of the light to be adjusted to stimulate other body parts if needed. A Humane cutoff timer is standard. The unit can be preset for a cutoff period, at the end of which the heat source shuts off automatically if the animal has not responded, avoiding tissue damage. Our test head does not emit, clicking or whining noises that cause preconditioning of animals prior to test as with other systems on the market.

Our exclusive heated glass option eliminates the glass acting as a heat sink. This feature will eliminate the reaction time of the animals to be altered due to the fact that they are placed on cold glass allowing the possibility of delayed response time to the applied heat source. Built-in digitally controlled heating elements in the glass insure consistent temperatures. Temperature adjustment from 30-40 deg. C is controlled on the heated base.



Distributed by:  
**San Diego Instruments, Inc.**  
9155 Brown Deer Rd, Suite 8  
San Diego, CA 92121  
Ph: 858-530-2600  
sales@sandiegoinstruments.com  
www.sandiegoinstruments.com



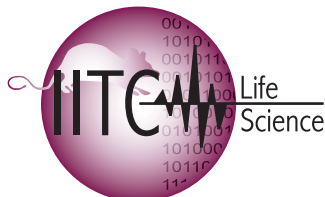
# Plantar Test Analgesia Meter



Three individual, acrylic animal enclosures are supplied. Each enclosure allows for 2 rats/4 mice allowing testing of up to 6 rats/12mice total. Enclosures have strong magnets to prevent animals from possible escape with individual lids and clear dividers in-between test subjects for easy viewing.

Two year warranty  
120/240V  
CE

| Part#    | Description  |
|----------|--|
| 390      | Plantar Test (Hargreaves) Analgesia Meter (6 Rats - 12 Mice)                   |
| 390G     | Plantar Test (Hargreaves) Analgesia Meter with heated glass (6 Rats - 12 Mice) |
| 433      | Animal Enclosure (4 mice 2 rats)   |
| 435      | Animal Enclosure (12 mice 6 rats)  |
| 18       | High Intensity Bulbs, 2 per pack   |
| Series 8 | Data collection software   |



Distributed by:  
**San Diego Instruments, Inc.**  
9155 Brown Deer Rd, Suite 8  
San Diego, CA 92121  
Ph: 858-530-2600  
sales@sandiegoinstruments.com  
www.sandiegoinstruments.com

