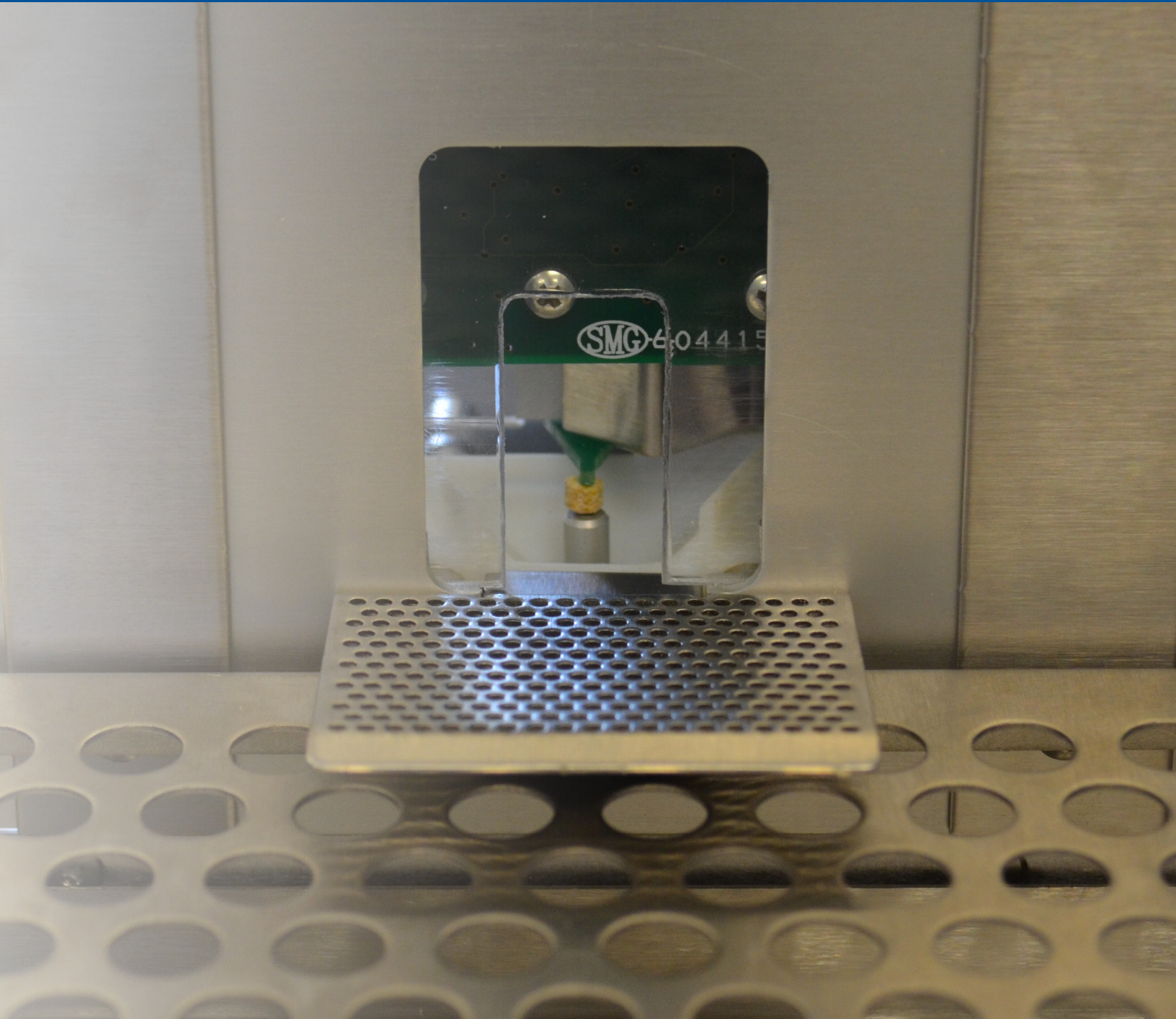


# Paw Reach

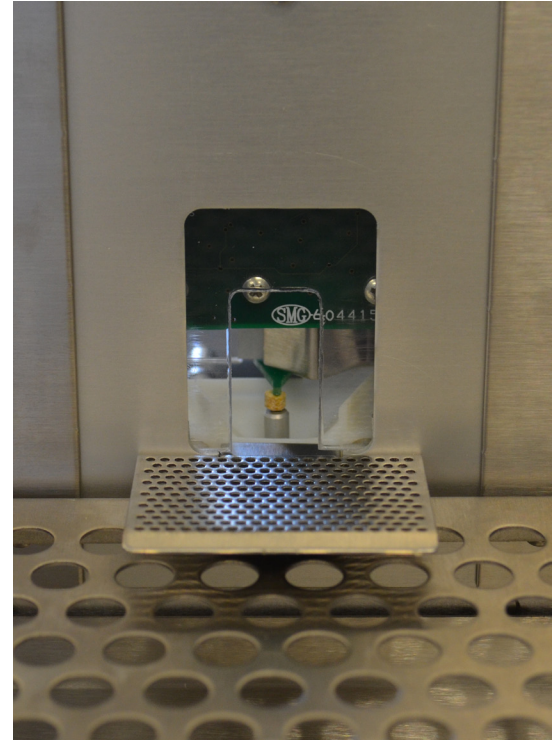
## Chambers



# PAW REACH CHAMBERS

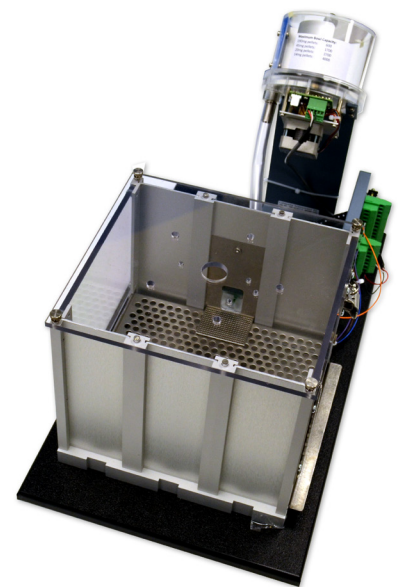
The Automated Paw Reach Apparatus provides a new testing method to quantify the paw reaching skill in rodents. Using our popular ABET II Software and Interfacing, the chamber dispenses a 45 mg pellet into the module and raise it up on the pedestal. The diving board attachment can be used to pinch the pellet providing a resistive force, increasing the difficulty of the task. Three different resistance levels can be achieved, 20, 40 or 60 grams. IR sensors keep track of the pellet's location to ensure successful presentation of the pellet. Once the pellet is in position, lights on the inside of the module can be illuminated to signal the animal to make a coordinated reach attempt. An additional set of IR sensors identify when the animal is reaching and will detect successful reaches, drops, and failed attempts.

The test provides an objective quantification of reaching and forepaw dexterity. Added resistive component also gives finer resolution to the strength profile of the animals grip. The modular design allows the unit to be added to existing chambers or used in custom designs. Talk to a Lafayette-Campden Neuroscience representative for pricing.



## FEATURES

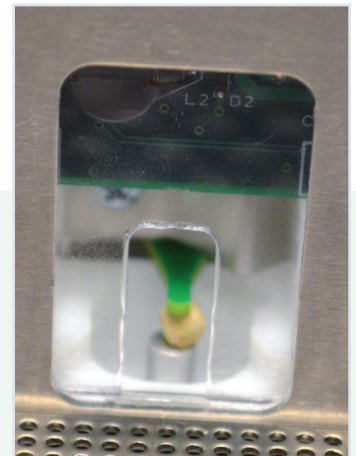
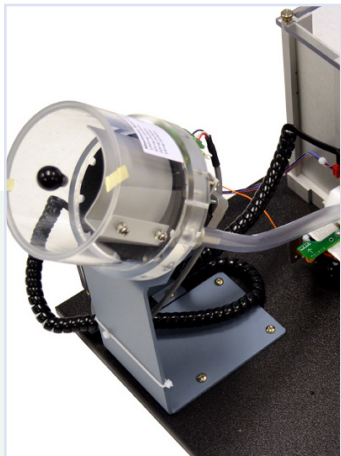
- Diving board attachment provides resistance levels of 20, 40, & 60 g
- LED Receptacle light to cue the animal
- IR sensors for paw and pellet detection
- Clear polycarbonate viewing window allows animal to see pellet
- Reaching Window can be moved to the left or right to increase use of a specific paw
- Adjustable reaching distance from 10 - 15 mm





# SPECIFICATIONS

- Dimensions: 2.3w x 3.2d x 4.9h inches
- Power: 28V DC Required
- Photocell Output: Active Low (NO only)
- Pellet Viewing Dimensions: 19.4 x 35 mm
- Pellet Reaching Window: 8 x 19 mm
- Reaching Distance: Adjustable between 10 - 15 mm



*Visit our website or contact a Lafayette-Campden representative for more information or a quote.*

## Worldwide Office

Phone: (765) 423-1505  
[sales@lafayetteinstrument.com](mailto:sales@lafayetteinstrument.com)  
[www.lafayette neuroscience.com](http://www.lafayette neuroscience.com)

## European Office

Tel: +44 1509 814790  
[uksales@campdeninstruments.com](mailto:uksales@campdeninstruments.com)  
[www.campdeninstruments.com](http://www.campdeninstruments.com)

## Contact Us for a Quotation or More Information

### Worldwide Office

3700 Sagamore Pkwy N  
Lafayette, IN 47904  
USA



Phone: (765) 423-1505  
Fax: (765) 423-4111  
Toll Free: (800) 428-7545 (US Only)

[sales@lafayetteinstrument.com](mailto:sales@lafayetteinstrument.com)  
[www.lafayetteneuroscience.com](http://www.lafayetteneuroscience.com)

### European Office

P.O. Box 8148  
Loughborough,  
Leics. LE12 7XT  
England

Tel: +44 1509 814790  
Fax: +44 1509 817701

[eusales@lafayetteinstrument.com](mailto:eusales@lafayetteinstrument.com)  
[www.campdeninstruments.com](http://www.campdeninstruments.com)