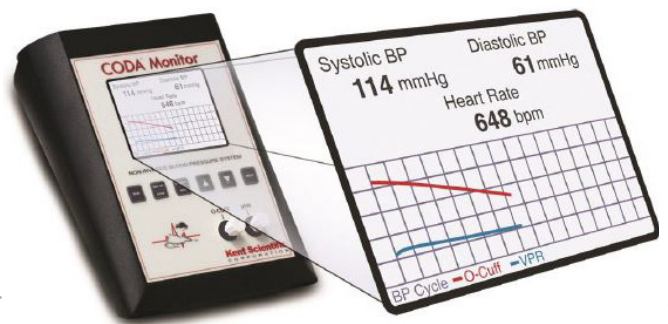


Noninvasive blood pressure system for mice and rats

Features

- » integrated blood pressure display and software, no computer needed!
- » automatically measure blood pressure in real-time
- » 99% accurate to direct blood pressure & telemetry
- » clinically validated Volume Pressure Recording (VPR)
- » diastolic blood pressure measured, not just a calculated value
- » dark-skinned mice (C57BL/6) without difficulty
- » awake or anesthetized animals
- » MRI compatibility : anesthetized animals in a radiological environment



Measurements

- » 6 blood pressure parameters: systolic, diastolic, mean BP, heart rate, tail blood volume & blood flow
- » for mice as small as 8 grams to rats as large as 950 grams

HOLDERS

- » clear acrylic holders : unrestricted breathing & complete visibility to the researcher
- » seven holder sizes available
- » tail is unrestrained to allow for regular tail movement



Holders & occlusion cuffs



Volume Pressure Recording (VPR) systems calculate blood pressure by determining the tail blood volume with a sensor and an occlusion tail cuff.

Noninvasive VPR allows for highly accurate blood pressure readings in rats and mice.



differential pressure transducers

