

Mouse QTM

FROM STARR LIFE SCIENCESTM

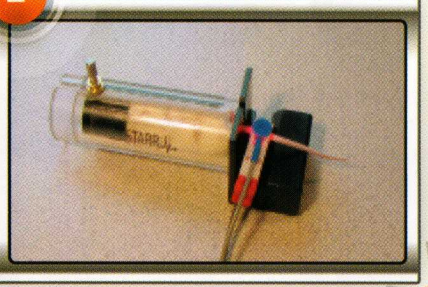
DIAGNOSIS OF CARDIOPULMONARY HEALTH AS SIMPLE AS 1, 2, 3

1 EASY UNSTRESSED LOADING OF MOUSE OR RAT



Tranquility - BaseTM
Loading Tube

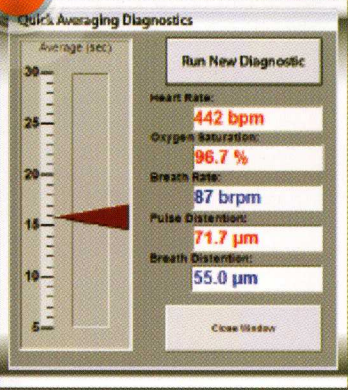
2 ACCURATE UNANESTHETIZED MEASUREMENTS



STARR - GateTM
Restraining Tube

- ★ INSTANTLY DIAGNOSE OR
- ★ MONITOR CONTINUOUSLY WITHOUT ANESTHESIA

3 QUICK AUTOMATIC DIAGNOSIS OF HEALTH



- ★ HEART RATE
- ★ ARTERIAL O₂ SAT.
- ★ BREATH RATE
- ★ BLOOD FLOW
- ★ EFFORT TO BREATHE

Data Quality Control Software
Automated Spot-check of Health

ANALOG OUTPUT MODULE



STARR - LinkTM

ANALYSIS:

► **THE MOUSEOXTM** software provides the powerful WinDaq[®] Waveform Browser. Waveform interpretation is easy with the built-in **statistics** & other functions such as a filtering and **frequency analysis** through WinDaq[®] FFT. Extended analysis functions allow waveform peak detection, integration, differentiation, arithmetic operations and more.

DATA QUALITY CONTROL:

- **THE MOUSEOXTM** tells the user when not to trust data due to kicks, hops or other significant movement from murine test subjects.
- **FOR EACH BEAT OR BREATH THAT IS CORRUPTED BY HEAVY MOVEMENT:**
 - ★ ERROR MESSAGES DISPLAYED IN REAL-TIME
 - ★ ERROR CODES STORED IN DATA FILE RECORDING
 - ★ ERROR CODES OUTPUT BY ANALOG OUTPUT MODULE

BENEFIT = RESEARCHERS DON'T HAVE TO GUESS WHICH DATA-POINTS ARE BAD & WHICH ARE GOOD!

FEATURES

- Quick & Easy
- Non-invasive
- No Calibration Needed
- Diagnose and/or Monitor



Contact:

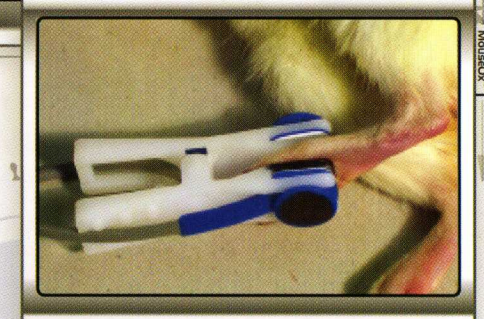
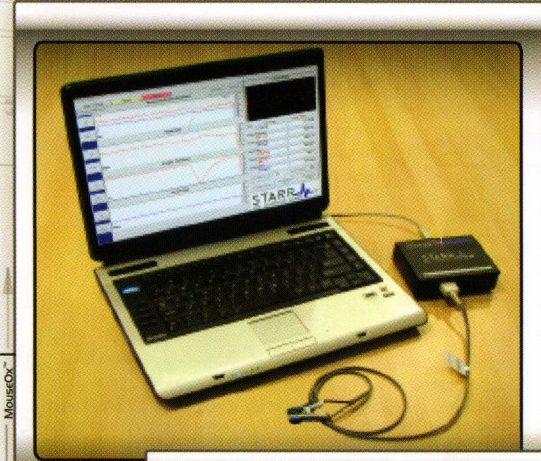
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THE WORLD'S FIRST AND ONLY PULSE OXIMETER FOR MICE & RATS

NEONATAL THROUGH ADULT MICE & RATS



Turns ANY PC INTO A VITAL SIGNS RECORDER



ALL MEASUREMENTS WITH A SINGLE NON-INVASIVE SENSOR

- INSTANTLY DIAGNOSE & MONITOR REAL-TIME CHANGES IN:
- ARTERIAL O₂ SATURATION
 - PULSE RATE
 - BREATH RATE
 - BLOOD FLOW
 - EFFORT TO BREATHE

