

# PhysioSuite®



## Temperature Monitor and Homeothermic Control Module / RightTemp®

Resistance	2,252 ohm
Tolerance	+/- 0.2° C
Accuracy	25°C to 45°C
Operating Temp.	-40°C to 80°C
Sensor Diameter	Ball Tip Diameter: 1.65 mm max Shaft: 1.5 mm
Time Constant	10.0 seconds
Dissipation Constant	0.75 m/W (° C)

## Pulse Oximeter and Heart Rate Monitor Module / MouseSTAT®

Heart Rate	Up to 900 bpm
Resolution	1%
SpO <sub>2</sub> Range	70 to 100%
Alarms	5, Programmable
Data Export	Yes
SpO <sub>2</sub> Sensors	Soft Touch Paw Sensors (standard) Large Animal Clip Sensors Pup Sensors MRI Sensors

## End-Tidal CO<sub>2</sub> Monitor Module / CapnoScan®

Transducer Type	Sidestream Sensor
Sample Rate	50 mL/min. +/- 10mL/min.
Initialization Time	< 15 seconds
Measurement Range	0 to 16%, 0 to 120 mmHg
Rise Time	< 60 ms
Resolution	0.1 mmHg                      0 to 69 mmHg 0.25 mmHg                    70 to 150 mmHg
Accuracy	0 to 150 mmHg, 32 mmHg

*\*Our clinical department will be pleased to review your study protocol to confirm that our product will meet your specific study requirements.*

## More innovative products for your research:

### SurgiSuite

Surgical platforms



Shown with options:  
Far Infrared Warming Controller & Pad,  
LED Lighting and Magnification Kit

### MouseSTAT® Jr.

Hand held pulse oximeter for mice and rats



### RoVent® Jr.

Basic automated ventilator is ideal for mice, rats and small animals up to 1,250g



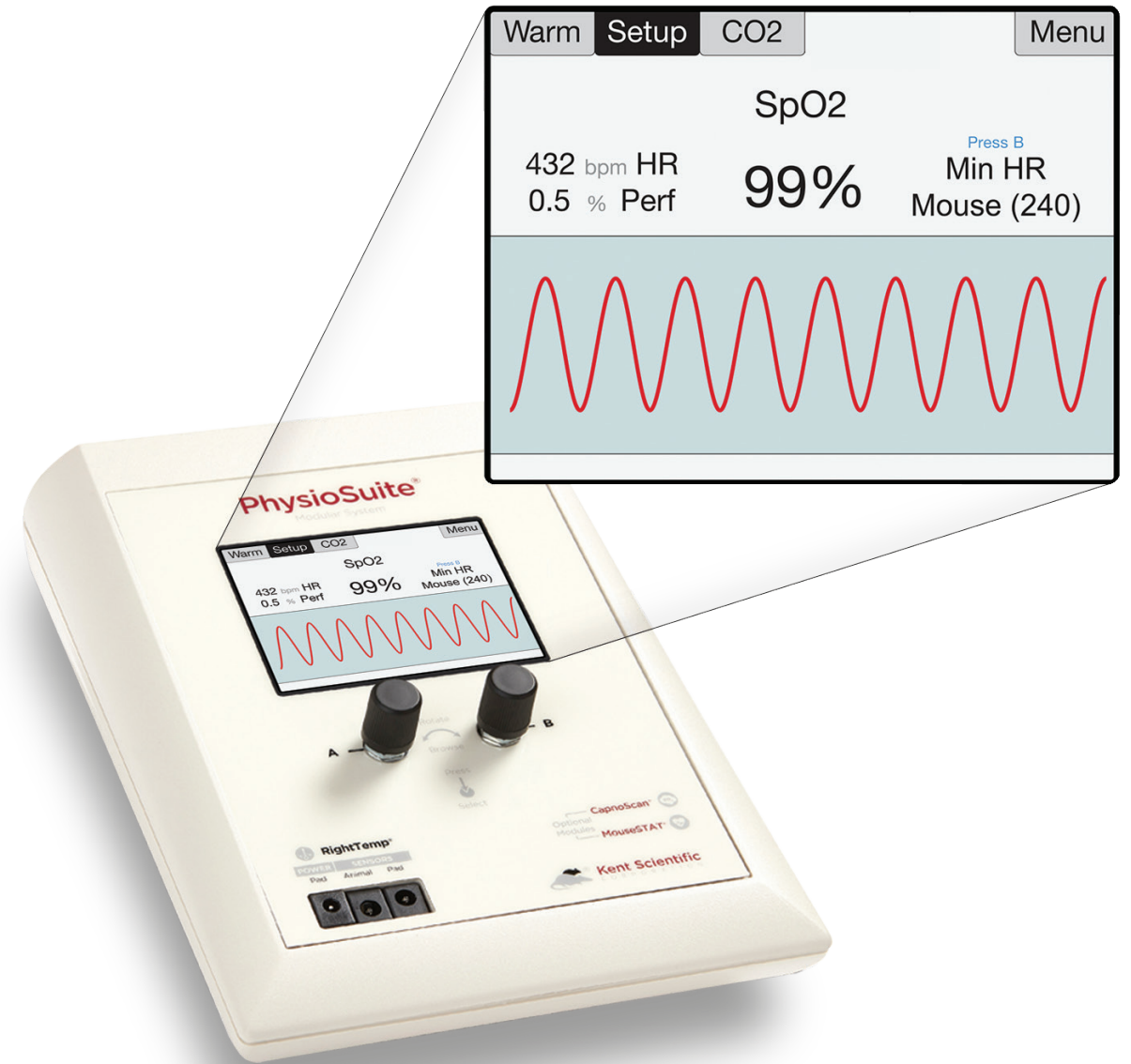
### Intubation Stands

Intubate mice and rats while delivering isoflurane



# PhysioSuite®

Multi-physiological monitor with warming, temperature control



1-Year, 100% Parts & Labor Warranty (3-Year extended warranty available)  
Visit our website for additional product information.

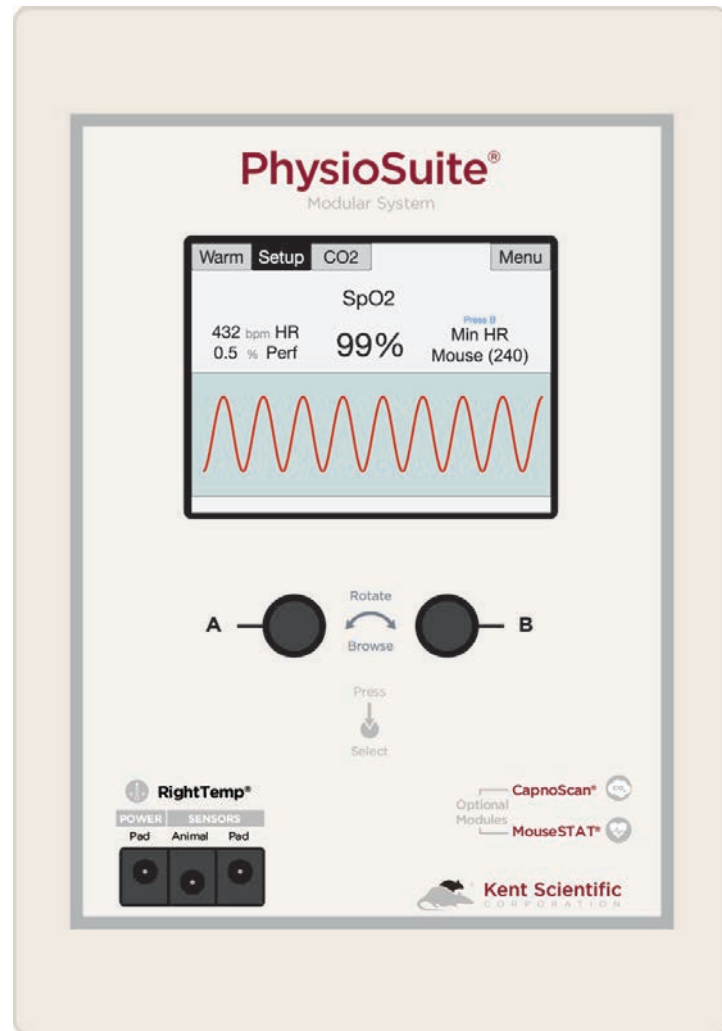
Choose your PhysioSuite: **888.572.8887**  
kentscientific.com/physiosuite



# PhysioSuite Modules

The PhysioSuite Modular System includes an integrated touch screen display, real-time recordings and 5 safety alarms. Internal memory provides data storage, with a mini USB for data output. The PhysioSuite is compatible with stereotaxic devices.

The PhysioSuite is essentially a box that you fill with the modules your research requires. Each module is a separate component that provides a specific function: warming, pulse oximetry and CO2 monitoring. Combine the modules you need now and add additional modules later as your research demands.



## What Your Colleagues Are Saying...

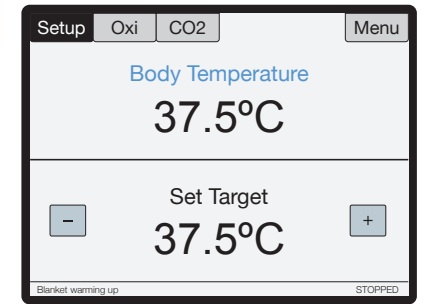
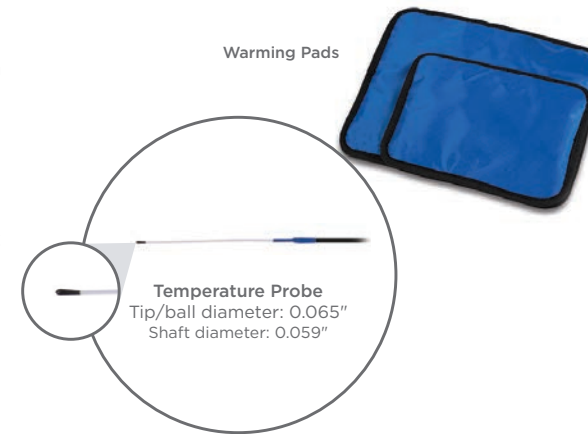
*"The MouseSTAT pulse oximeter works very well, you literally place the sensor on the paw and it reads better than any rodent monitoring systems that I have looked into."*

- Lead Researcher, US Pharmaceutical Lab

## RightTemp® Temperature monitor and homeothermic control module



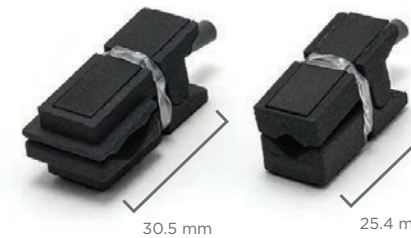
- Far infrared warming
  - Penetrates deep to safely warm the animal
- Flexible rectal probes
  - Standard with every system
- Pre-program animal temperature
  - Safely warm the animal without overheating
- Automatic feedback control
  - Self-regulate your animal's temperature



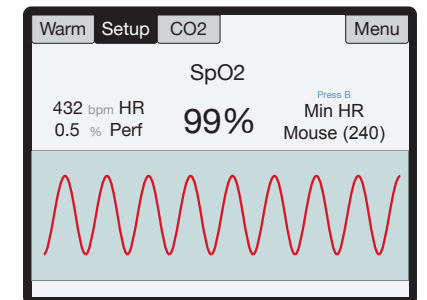
## MouseSTAT® Pulse oximeter and heart rate monitor module



- Engineered for mice and rats
  - Accurately measures heart rates up to 900 bpm
- Soft touch paw sensors
  - Reduces pressure to maintain unrestricted blood flow
- Modular capability
  - Temperature and end-tidal CO2 monitoring modules
- Respiratory rate option available
  - Measures breaths per minute



Pulse Oximeter Sensors, MRI Compatible Sensors Available



## CapnoScan® CO2 monitor module



- Highly sensitive infrared spectroscopy CO<sub>2</sub> sensor
  - Delivers clear, accurate capnogram
- Monitors end-tidal CO<sub>2</sub> measurements
- Low sampling rates
- Ideal for mice and rats
- Compensates for temperature, pressure and gas type
  - Allows for accurate measurements



Sampling Unit

