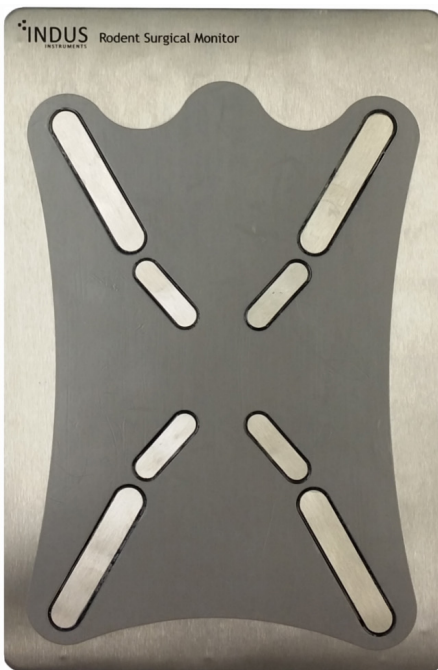


# RODENT SURGICAL MONITOR+ - SPECIFICATIONS

The **Indus Instruments Rodent Surgical Monitor+** is an integrated surgical warming and vital signs monitoring solution for small animal research offering core body temperature, ECG, respiration rate, heart rate, pressure and pulse oximetry (SpO<sub>2</sub>) measurement.

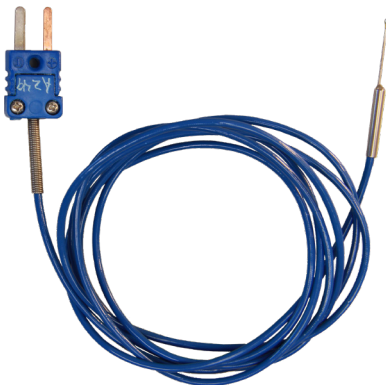
The unit consists of three components: Heated Surgical Platform, Temperature Probe and 10.1" Touchscreen Display Unit.

## Heated Surgical Platform



Platform Dimensions	7.6 x 11.6 x 0.75 inches
Platform Weight	3.4 pounds
Heater Type	Responsive with Multiple Zone Control
Heater Uniformity	< 0.5°C Across Active Area
Heater Startup Time	< 2 minutes from room temperature
Heater Set Temperature	Adjustable, 25.0 - 43.5°C by 0.1°C
Power Supply	Universal Adapter (100-240 VAC)
Noninvasive ECG Electrodes	Two sets of limb contact electrodes; inner set for mouse, outer for rats or animals of similar size
Optional External ECG Electrodes	3.5mm 4-pole audio jack to four 13mm stainless steel needle electrodes

## Temperature Probe

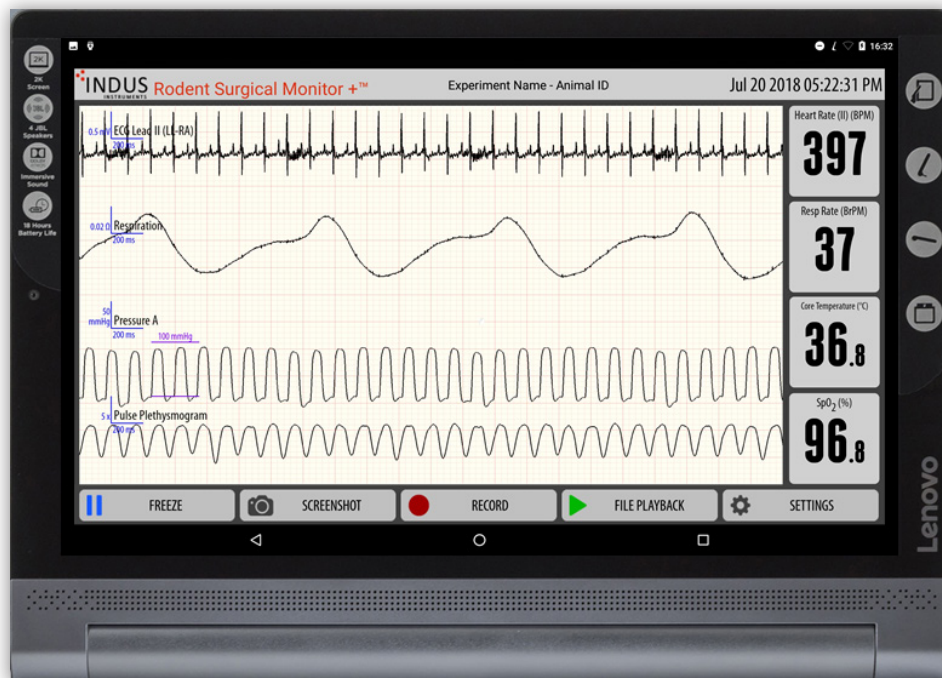


Each Rodent Surgical Monitor+ is delivered with a single rectal temperature probe. Customers may indicate the size they prefer, which include probes ideal for adult mice, adult rats or neonatal mice.

The temperature probe sensor is a Copper-Constantan Thermocouple, located at the tip of the probe. Probe temperature resolution is +/-0.1°C. Calibrated probe accuracy is +/-0.1°C when the system is at operating temperature.

# RODENT SURGICAL MONITOR+ - SPECIFICATIONS

## Touchscreen Display Unit



Display Type	High Resolution Color Display with Capacitive Touch
Display Size	10.1 Inches, 2560 x 1600 pixels
Display Resolution	2048 x 1536 pixels
Storage Capacity	25.5 GB for Data Storage
Power Supply	Universal Adapter (110 - 240 VAC)

## Physiologic Measurements

### Numeric Display Options

### Range

### Waveform Display Options

Heart Rate (Lead I, II, III)	60 - 999 BPM	ECG Lead I, II, III
Respiration Rate	15 - 400 BrPM	ECG Lead aVL, aVR, aVF
Core Temperature	0 - 50°C	Respiration
Pad Temperature	25.0 - 43.5°C	Respiration (from ECG)
SpO <sub>2</sub> (option required)	80 - 100%	Pulse Plethysmogram (option required)
Pressure (option required)	-50 - 300 mmHg	Pressure (option required)