



CARFIL QUALITY
YOUR SUPPLIER FOR ALL LABORATORY NEEDS

MouseMonitor™ (also suitable for Rat)



Heart Rate * SpO2 * Temperature * ECG * Warming

Better Results Get better study results while improving surgery quality & survival rate.	Superior Data Ultra low-noise, high-resolution ECG, spO2 & Respiration.	Easy to Use Durable stainless steel surgical platform AND intuitive touch display.	Stable Prep Maintain body temp. & monitor vital signs during surgery.
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Features

The MouseMonitor™ is a compact tabletop vital signs monitor that displays ECG and respiration waveforms as well as heart rate, breath rate and core temperature. The unique integrated pad incorporates ultra-low noise, high resolution ECG electronics and a homothermic heating pad with a durable surgical steel operating surface that supports magnetics accessories. The included 10.1" touchscreen display ergonomically presents waveform and numeric data in an intuitive and legible layout, enabling you to quickly record and export your acquired data. The MouseMonitor™ is compatible with most DAQ systems when connected to the optional analog output module.

ECG

- Uses non-invasive pad mounted or external ECG electrodes
- Simultaneous Lead I, Lead II and Lead III ECG
- Works in supine or prone position, head in either direction
- Electrically isolated ECG bioamplifier
- High-resolution 24 bit sigma-delta AD converters

Respiration

- Uses non-invasive pad mounted ECG electrodes

Temperature Control and Monitoring

- Electronic closed-loop control
- Efficient, electrically heated warming zones
- Pad temperature control with resolution of 0.1°C



PAVAN SERVICE BVBA

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- Compact tabletop design without circulating water

Specifications

Heated Surgical Platform	
ECG Electrodes	4 mouse limb electrodes 4 rat limb electrodes External electrodes with 1,5 mm DIN jacks
Heater	Electronic heating with multiple zone controle
Temperature	Adjustable, 25-42°C
Audible Alarm	Yes
Size	25,4 x 30,4 cm
Weight	+/- 3 kg
Display Unit	
Display	25 cm color, LED backlit, capacitive touch
Resolution	1280 x 800 pixels
Storage	8GB
Power	100-240V AC adapter
Rectal Temperature Probe	
Probe Type	Mouse rat or neonatal specific
Sensor Type	Copper-Constantan thermocouple
Accuracy	+/- 0,1°C after calibration
Numeric	
Heart Rate	60-999BPM
Respiration Rate	15-400BrPM
Core Temperature	25-50°C
Pad Temperature	25-42°C
Waveform	
ECG Lead I	



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ECG Lead II

ECG Lead III

Respiration

Physiological Parameters

ECG

- Ultra low-noise, high resolution
- Simultaneous Lead I, II & III
- 24-bit sigma-delta AD converters

Heart Rate

- Real-time numeric display
- Up to 999BPM
- Acquired from ECG waveform

Pulse Oximetry

- Ultra low-noise, high resolution
- Simultaneous SpO² display
- 18-bit sigma-delta AD converters

Respiration

- Ultra low-noise, high resolution
- Based on thoracic impedance
- Signal acquired through ECG electrodes

Breath Rate

- Real-time numeric display
- Up to 300BrPM
- Acquired from respiration waveform

Core Temperature

- 0,1°C monitoring accuracy
- Mouse-specific rectal probe

Warming



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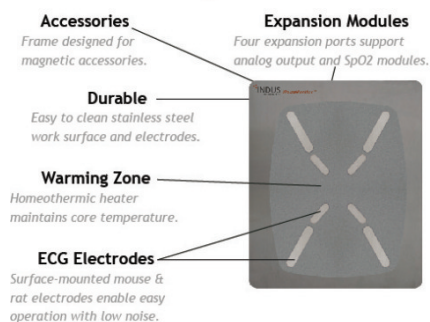
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- Electronic closed-loop control
- Intelligent zone heating
- Platform temperature control with 0,1°C resolution

Ordering number

180000300	Mousemonitor
180000311	Analog Output and Trigger Cable
180000302	Pulse Eximetry/SPO ² Module
180000303	Platinum External Needle Electrodes
180000304	Stainless Steel External Needle Electrodes

Heated Surgical Platform



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