



- Monitor:**
- Arterial O₂ Saturation
 - Pulse Rate
 - Breath Rate
 - Pulse Analog Waveform
 - Core Body Temperature
 - Pulse Distension
 - Breath Distension

Temperature Sensor



Benefits

- Better Data:**
- Arterial O₂ Saturation:
 - Gives a comprehensive picture of health
 - Indicates lung efficiency
 - Real-time monitoring of physiological changes
 - Non-invasive = animals are not harmed or altered
- Cost savings:**
- Non-invasive = lower mortality
 - Monitor up to 8 subjects with 1 MouseOx and a Multiplexer
 - 6 key physiological parameters from 1 device
 - Works on neonatal - adult mice & rats and other small laboratory animals
 - Quick, easy, accurate way to assess subject health

MRI Compatible Sensor



Animal Welfare

- Non-invasive
- Set alarm for each vital sign
- Set alarm for anaesthesia level
- Monitor heart rate, breath rate, S_pO₂ & temperature
- Valuable for pre-, intra- & post-operative assessments

- A variety of sensor types allow various placement options to avoid interfering with surgery

- Throat and collar sensors improve the ability of the MouseOx to monitor hypothermic & hypovolaemic animals

Rat Foot Sensor



Mouse Thigh Sensor



ThroatClip™ Sensor



CollarClip™ Sensor

