



AN EASY TO use hand-held monitor for prep-room or theatre.

Combining end-tidal CO₂ measurement with pulse-oximetry and temperature, the Impact-III delivers performance and reliability in a robust, portable unit.

Impact-III offers the following:

- ✓ High-visibility screen
- ✓ Capnograph waveform
- ✓ Pulse-Ox waveform
- ✓ Dual temperature monitoring
- ✓ Optional configuration
- ✓ Portability

Impact-III

Three units in one, with optional configuration

Key features

- Clear, high-visibility screen for easy viewing
- Battery or mains powered for portability
- Optional configuration: capnograph, pulse-oximeter, temperature – or all three
- Micro-stream sampling suitable for all animals over 100g
- Self-calibrating capnograph
- Reliable SpO₂ and pulse-rate measurement
- Temperature monitor supports our Mini-Temp range of 1.2mm sensors
- Delta temperature measurements
- Integrates with Vetronic VitalMonitor software suite for data recording



Anaesthetic Monitoring

Impact-III

Three units in one, with optional configuration

Impact-III is an acronym, standing for “**I**nstant **M**onitoring of **P**ulse-Oximetry **A**nd **C**apnography and **T**emperature”. As such, Impact-III delivers all that its name suggests: numerical and trace information is shown for all parameters, including capnography, within 15 seconds of turning the unit on.

The interface to Impact-III has been made simple and easy to use, so in most cases all that is required is to switch the unit on and start monitoring.

In addition, any changes made to settings will automatically be saved in memory and retained between uses.

There are simple-to-use alarms featured for all three monitoring units. These all follow the same pattern for set up, making the system intuitive to use.

All alarm conditions are clearly reported on the main screen, with an option to silence (60 seconds) or cancel.

Impact-III also integrates fully with our VitalMonitor software suite, using an optional wireless module, and allows full patient monitoring and data recording on a remote computer.



Technical Specification

Mechanical	
Weight	700g
Dimensions	25cm x 12cm x 10cm
Construction	Rugged polyamide construction in dark grey
General	
Screen size	60mm x 38mm viewing area
Screen type	128 x 64 pixels. Backlit white on blue high-contrast LCD
Electrical supply	Internal rechargeable NimH batteries, with mains charger
Electrical classification	Impact-III is a Class II electrical device
Power	15W maximum
Battery life	6 hours continuous use with all three modules fitted
Battery recharge time	5 hours from full discharge
Sidestream Capnograph:	
CO ₂ detection range	0-15% (0-1140mmHg)
Accuracy	+/-2%
Respiratory rate range	0-150 breaths/min
Sampling rate	50ml/min fixed rate
Alarms	High ET, Low ET, High FiCO ₂ , Apnoea time
Pulse-Oximeter:	
Sensor type	Dual beam (Red/IR) transmission or reflectance
Range	18 to 450 pulses per minute, 0 to 100% saturation
SpO ₂ accuracy	70 to 100% +/-2%
Pulse rate accuracy	+/-3%
Alarms	Low Saturation, High HR, Low HR
Temperature:	
Capability	1 or 2 sensors
Measurement range	5°C to 55°C (41°F to 131°F)
Accuracy	+/- 2%
Sensors	Either YSI 400 series-compatible or MiniTemp-compatible*
Alarms	High T1/T2, Low T1/T2, Max Delta

* Impact-III can be fitted with a temperature module to support either probe, but not both.