

VETRONIC IMPACT III MONITOR

VSL-IMPACT-BUNDLE



PRODUCT DESCRIPTION

A rugged, easy-to-use monitor for prep-room or theatre

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

Three units in one, with optional configuration

Impact-III is an acronym, standing for “Instant **M**onitoring of **P**ulse-**O**ximetry And **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, the optional wireless module allows full patient monitoring and data recording on a remote computer.

Helpful Links & Videos:

[Update your Vital Monitor software here](#)

[Impact III Monitor - Demonstration](#)

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

The Impact-III comes supplied with everything you need to use the unit out of the box, (depending on modules requested):

All include:

- EN-AC-FG-C203 Aluminium Equipment Flight Case
- ESA 24-09-01 Vetronic Medical Devices Mains Charger 9v
- Operating Manual
- Impact-III “Quick Guide”
- CD with files
- VS0057 Gas Analyser Sampling Kit
- VS0058 Gas Analyser Waste Kit

Pulse-Ox Module:

- 1 x VS0080 Pulse-ox extension cable
- 1 x 2000SL Nonin Pulse-ox probe - Lingual
- OR
- 1 x 2000T Nonin Pulse-ox probe - Reflectance

Wireless Module:

- 1 x USB Wireless data terminal
- 1 x CS20957 USB 2.0 A Male to Mini B Male Lead, 20cm Black

Temperature Module:

- 2 x W0001B Adult Resuable Oesophageal/ Rectal probe (YSI-400)
- 2 x AV18846 6.35mm socket to 3.5mm Jack plug extension cable, 1.8m
- OR
- 1 x VS0045 Mini-Temp Probe - Flexible
- 1 x VS0046 Mini-Temp Probe - Rigid
- 2 x AV18631 3.5mm Jack plug to 3.5mm socket extension cable,1m

General Specifications:

| | |
|----------------------------|--|
| 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

| | |
|-------------------------|--|
| CO2 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 FiCO2, Apnoea time |

Pulse-oximeter

| | |
|----------------------|---|
| Sensor type: | Dual beam (Red/IR) transmission or reflectance |
| Range: | 18 to 450 pulses per minute, 0 to 100% saturation |
| SpO2 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. |

Impact FAQ's

Q: What sampling method is used by the Impact-III capnography module?

A: The Impact-III capnography module uses a sidestream method for CO2 analysis

Q: What is the sidestream sampling rate of the Impact-III capnography module?

A: Fixed at 50ml/minute for all species

Q:What animal range is supported by the Capnography module?

A: There is no upper weight limit. The lower weight limit is about 150g but this does rely on a low dead-space ET Connector and careful attention to additional dead space.

Q: Do I need to buy all 3 modules that Impact-III supports?

A: No. It is possible to buy Impact-III in the following combinations: Pulse-Ox+CO2+Temperature, Pulse-Ox + Temperature, CO2 only, CO2 + Temperature

Q: Is the Impact-III battery powered?

A: Yes. There are internal NimH batteries so the unit can be run either from the batteries or from an attached mains charger

Q: How long will the unit operate when running from batteries?

A: With all modules fitted, the unit will run for up to 6 hours. This will increase by an hour or two if either the CO2 or Pulse-Ox modules are not fitted.

Q: Does the Impact-III have a touch screen?

A: No. All features and menu options are accessed using a simple 2-button keypad.

Q: Can the Impact-III be connected to a PC?

A: Yes, using an optional wireless link. A direct USB connection is not available as the unit has been designed for mainly portable use

ADDITIONAL INFORMATION

| | |
|-----------------------------|--|
| Animal | Mixed |
| SKU | VSL-IMPACT-BUNDLE |
| Brand | Vetronic Services Ltd |
| Catagory Sub Heading | Configure Your Modules |
| Monitor Parameters | CO ² , Oxygen, Respiration , SpO ² , Temperature |
| Power Source | Battery, Mains |
| Optional Modules | Yes - At time of order only |

Good to know...

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Returns Policy: You may return new, unworn or unused products within fourteen (14) days of delivery for a full refund of the cost of the goods, or an exchange if preferred. This is on top of your statutory rights