



The Responder

“Progress Saves Lives...”

Edition 68 | June 2024

From the Editor's Desk

Greetings friends, clients and fellow healthcare professionals, welcome to the June edition of The Responder.

I hope you all had a good Election Day and managed to make your cross. I don't know what it was but the crowds just seemed bigger and slower these elections. I spent two painful hours in the queue to have my say. Mind you, even so, the crowds seemed like they were all in pretty good spirits. Now comes the stressful time of seeing what coalitions are going to transpire. Ultimately, all we can hope for is that the leading political parties will act in the best interests of South Africa and all South Africans and form a coalition government which will be able to stand the test of the next 5 years and be pro-business and pro-economy. We have had a pretty rough ride over the past 15 years and the last week has felt like being on a merry-go-round with all the political commentary and the what-ifs. Pretty stressful stuff and I can't help but feel both optimism and concern in equal amounts as to what is going to be the final outcome. I guess we will have to wait and see.

Well now, besides the elections, we had a rather busy week with two ISO audits for our ISO 9001 and ISO 13485 certifications. I have always seen audits as a snapshot of the progress we have made in meeting both medical device regulations as well as the service delivery progress we have made to our many clients. There is no doubt that audits are stressful, however they also have very positive spin-offs. It gives us an opportunity to reflect on our progress and also to put new objectives in place that will allow us to work on areas that require improvement. I can honestly say that I enjoy the challenge that audits present. We still have a lot of work to do, but it is comforting knowing that we are on the right track, as indicated by our audit findings.

It is always a pleasure to have staff from our other branches spend some time at our Head Office in Cape Town. It was a pleasure having recent visit from one of our senior staff from our Johannesburg branch, Lize Swarts. It gives us face-to-face time to catch up on progress at the branch and also to give us an opportunity to brainstorm new ideas and direction. We hoped you enjoyed the time you spend in our lovely city Lize, and we look forward to seeing you again soon.

In this edition we will be doing a short review of the VS2000 EMS Patient Monitor. Should you be looking to upgrade or add a new patient monitor to your equipment list, this really is a cost-effective, compact, and very reliable option to have at your disposal. The VS2000 is a true EMS-friendly patient monitor and it is equally at home in a busy EMS as it is in an emergency unit. It is well worth a read and I think you will be impressed with it.

As always, we have some great specials lined up for you, so you will definitely want to check them out for some great savings.

With that said, we hope you enjoy this edition of The Responder.

Yours in Healthcare

Gavin Sutton

Editor – The Responder

The Responder

“Progress Saves Lives...”

Edition 68 | June 2024

Product Review

VS2000 EMS Vital Signs Monitor

The regular recording and monitoring of vital signs is a crucial part of emergency and critical care. In order for vital signs monitor to be considered EMS-friendly, it needs to be low weight, compact and most importantly, extremely robust. Let's be frank here, the EMS environment can be really hard on equipment, and even more so on electronic medical devices. A robust device will give you so much more operational longevity and will ensure that your vital signs monitoring device is always ready to perform, when you need it most.

The VS2000 multi-parameter patient monitor is perfectly positioned as an EMS-friendly vital signs monitor. The first thing that is noticeable when you look at the external structure of the VS2000, is the large orange colour-coded carry handle. Secondly, it has a low centre of gravity, which promotes stability when placed on a stretcher or shelf during patient transit. When you pick it up and you will also notice that it is extremely low weight. Finally, the VS2000 is an extremely reliable and capable little EMS patient monitor that will give you many years of reliable service.



The VS2000 is available in three different configurations that will meet all the requirements of both the basic and advanced life support service provider. Firstly, the Configuration A version is provided with Pulse Oximetry, Non-invasive Blood Pressure, 5 Lead ECG, Respiration and Temperature. The Configuration C version offers Pulse Oximetry, Non-invasive Blood Pressure, 5 Lead ECG, Respiration, End-tidal CO₂ and Temperature. Finally, the Configuration D version offers Pulse Oximetry and Non-invasive Blood Pressure. End-tidal CO₂ is available in either Side-Stream or Main-stream configurations and the user can choose at the time of ordering.

Let's take a closer look at detailed specifications for the VS2000 Patient Monitor:

Features:

- Easy to read 7-inch LCD Display
- Weighs only 2.05kg (including batteries)
- Accurate SPO₂ measurement in low perfusion states
- Available in three configurations
- 120 hours of data storage
- Auto power off function for saving battery life
- Audible and visible alarms

The Responder

“Progress Saves Lives...”

Edition 68 | June 2024

- Long battery life
- Suitable for adult, paediatric and neonatal patients
- Reliable performance

Specifications:

ECG:

Lead mode	5 lead, RA, LA, RL, LL, V
Lead selection	I, II, III, V, AVF, AVL, AVR
ECG waveform	1 or 3 Channels
Gain selection	0.25, 0.5, 1, 2 and 4 (mm/mv), auto
Sweep speed	6.25 mm/s, 12.5mm/s, 25mm/s, 50mm/s
Heart rate range	20–350 BPM
Accuracy	±2 BPM or ±2% (whichever is greater)
Resolution	1BPM
S-T deletion	Yes

NIBP:

Method of measurement	Oscillometric with step-down deflation
Range of Systolic	40 to 270 mmHg
Range of Mean Arterial	30 to 220 mmHg
Range of Diastolic	20 to 200 mmHg
Measurement time	30 to 50 seconds typical, 120 seconds maximum
Alarm range	20–260 (in 1 mmHg steps), and OFF

SpO₂:

Range	0–100%
Accuracy	±2 at 70–100%
Resolution	1%
Pulse rate range	30–250BPM
Resolution	1BPM

EtCO₂:

Range	0–150mmHg
Accuracy	±2mmHg
Range of Respiration	2–150rpm
Accuracy	±1% rpm
Preheating time	10s



The Responder

“Progress Saves Lives...”

Edition 68 | June 2024

Respiration:

Measurement range	0–120rpm
Accuracy	±1rpm
Resolution	1rpm

Temperature:

Channel	Two
Measuring range	25–45°
Accuracy	±0.2°C, plus the temperature sensor tolerance
Resolution	0.1°C

Battery:

Full charging time	3 hours
Operation time	more than 5 hours
Power consumption	35 W

Dimensions:

Length	300mm
Width	180mm
Height	129mm
Weight	2.05Kg

That's the VS2000 in a nutshell. Should you be interested in finding out more about this fantastic little unit or would like a quotation, please feel free to drop us a mail at info@be-safe.co.za

The Responder

“Progress Saves Lives...”

Edition 68 | June 2024

Specials

CritiJet Jet Insufflation Device (10 Pack)

Product Code: REF:CRITI.J.10



R65.00 Inclusive of Vat each

Offer valid until 30 June 2024 or while stocks last

[Buy Now](#)

Criticare® TraumaPAC EMS Jump Bag

Product Code: REF:BAG.TP.CC.R



R1 574.00 Inclusive of Vat each

Offer valid until 30 June 2024 or while stocks last

[Buy Now](#)

Criticare® AmbuPAC EMS Jump Bag

Product Code: REF:BAG.AMBU.RED



R2 230.00 Inclusive of Vat each

Offer valid until 30 June 2024 or while stocks last

[Buy Now](#)

CritiPack® Needle Chest Decompression Kit

Product Code: REF:CRITI.P.CDK



R282.10 Inclusive of Vat each

Offer valid until 30 June 2024 or while stocks last

[Buy Now](#)

The Responder

“Progress Saves Lives...”

Edition 68 | June 2024

BP Palm Aneroid Multi – 5 Cuff Set

Product Code: BPM.P.M5C.WB



R385.30 Inclusive of Vat each

Offer valid until 30 June 2024 or while stocks last

[Buy Now](#)

CritiCare® AmpPAC Pro Micro Drug Bag

Product Code: REF:BAG.AMP.PRO.M.D



R277.50 Inclusive of Vat each

Offer valid until 30 June 2024 or while stocks last

[Buy Now](#)

CritiCare® IntuPAC Intubation Bag

Product Code: REF:BAG.INTUPAC.+colour



R180.00 Inclusive of Vat each

Offer valid until 30 June 2024 or while stocks last

[Buy Now](#)

CritiCare® 3L Oxygen Cylinder Bag

Product Code: REF:BAG.O2.CC



R136.20 Inclusive of Vat each

Offer valid until 30 June 2024 or while stocks last

[Buy Now](#)

The Responder

“Progress Saves Lives...”

Edition 68 | June 2024

CritiCare® StrapPAC Moonbag

Product Code: REF:BAG.SP.MN.CC



R190.40 Inclusive of Vat each

Offer valid until 30 June 2024 or while stocks last

[Buy Now](#)

CritiCare® PhysioPAC Bag (Navy)

Product Code: REF:BAG.PHP.CC.N



R289.20 Inclusive of Vat each

Offer valid until 30 June 2024 or while stocks last

[Buy Now](#)

CritiCare® Cardiology Stethoscope

Product Code: STETH.CARDIO



R380.00 Inclusive of Vat each

Offer valid until 30 June 2024 or while stocks last

[Buy Now](#)

CritiCare® CritiBand MkII Trauma Bandage

Product Code: B.Crit.H.100



R140.50 Inclusive of Vat each

Offer valid until 30 June 2024 or while stocks last

[Buy Now](#)