



Vitus 18

- Complete & Reliable Solution for All Care Areas
- High Quality & Full Functionality
- 2 Years of Warranty and Reliable Customer Supports



#### ViTUS 18 Bed side monitor

Vitus 18 is a large screen monitor suitable for Operation Room and Intensive Care Unit, Its 18.5" wide screen with LED back light provides bigger and brighter display for user. Vitus 18 offers a variety of advanced features and parameters such as Masimo Rainbow SET\*, Cardiac Output and 12-Lead ECG, 4 IBPs, Drug Calculation and Oxy-CRG. The monitors could connect to Trionara Central station, Vitus CS, and communicate with HIS through Trionara Gateway or Vitus CS. While Vitus 12 as a light and compact monitor facilitates portable and bedside monitoring, Vitus 18 gives the advantage of bigger and brighter display bedside solution to user. Touch Screen and Thermal Recorder are also available as options for easier user operation and more functionality.



#### Features:

- 18.5" LED-Backlight Color TFT / 1366 × 768: Advanced Bed Side Patient Care Monitor
- 6 to 8 signal traces and Up to 10 parameter:
   HR, NIBP, RESP, Gas interface, IBP (2 Channels),
   ECG (3/7 Leads), SPO2 Masimo SET, 2TEMPs
- · Wire Networking with central system
- Direct AC power & internal rechargeable battery
- · ARR and ST segment analyzer
- 6 Parameters Trend
- OXY-CRG

### Options:

- CO2 & Multi-Gas Analyzer (Main Stream / Side Stream)
- Cerebral State Monitoring (Dual Processor),
   Brain Assessment Function, BFA
- Intra Cranial Pressure Monitoring (ICP)
- 12 Leads ECG
- Trionara Thermal Recorder with 3 Traces
- Touch Screen
- Masimo Rainbow SET®
- Cardiac Output
- Dual display (Dual Processor Motherboard)
- Dual display, Slave monitor (Single Processor Motherboard)
- Wireless communication (Dual Processor Motherboard)
- 4 IBPs





## **Technical Spesification**

Protection against electroshock				Class I, Type CF for all modules (except Multi-gas, NIBP and CSM/BFA modules that are BF) (based on IEC 60601-1).						
Protection				Against E	lectro surgery and	Defibrillato		A/CSM	)	
Mode of operation					s operation equipm	ent				
Harmful Liquid Proof Degree Safety of anesthetic mixture				IPX1 Not suita	ble for use in the p	resence of	a flammable	anaest	thetic	
General				mixture v	vith air or with oxyg	gen or nitro	ous oxide.			
Display				/LED COLO		18.5				
Waveforms Numeric Parame	ters				P1, IBP2, RESP/GAS PO2, PR, NIBP (SYS,			IA MAI	P1.	
IE E			IBP2 EtO	2(SYS,DIA, 2, FiO2, Et	MAP), RR, T1, T2, D AA, FiAA, CSI/BFI, E	T, EtCo2, F BS%, EMG%	iCo2, AWRR,	EtN2C	), FiN2O,	
To			Tou	Membrane/Keys and rotary knob Touch Screen						
AC Power MotherBoard			Sin	ngle Proce	ssor MB for normal	applicatio				
ECG			Dua	ii Processo	ors MB for advance	и аррисаці	оп (511и воа	raj		
Lead & Wire Opt Selectable: 3 ,5 o					Selectable:	3 5 or 10 V	Niros			
3 ECG Leads I, II,	III				3 Lead wire	s ECG Cab	le			
5 Leads ECG: I,II,III,V,aVR,aVF,aVL 12 Leads ECG: I,II,III,V,aVR,aVF,aVL,				5 Lead wires ECG Cable .C2, C3, C4, C5, C6 10 Lead wires ECG Cable						
Dynamic Range	,,,.,.	± 5 m		0., 00. 0.						
ead Off Current < 90 nA				1/4 Auto						
Calibration				с						
Filters CMRR		> 98 d		0.5 - 24 Hz	NORMAL: 0.	5 - 40 Hz	EXTEND	ED: 0.0	05-100 Hz	
Internal Noise		< 30 µ	ıV RTI							
Input Impedance QRS Detection		> 5 M Durat	Ω		40 to 120 m	neac				
ans perection		Ampli			0.25 to 5 m	V fo	r Adult/Pedi	atric		
Heart Data Da-		15 - 3	00 00	M	0.2 to 5 mV		r Neonate			
Heart Rate Range		15 - 3			for adult/Pe					
Accuracy		±1% c		PM 0 1.2 mV A	mn					
Tall T-Wave Pacer Detection/	Rejection	Reject		ı.∠ mV A	mp. 0.1 - 2 msec	;				
		Amp		haa	±2 to ±700	±2 to ±700 mV (Without over/undershoot)				
				heart rate to ECG to	counter display on screen					
				oace rejec	tion HR:0	, Pace: 60				
						50, Pace:60 30, Pace:80				
					rial paces preceed v			or 250	0 ms	
Protection ANALOG OUTPU	Г	Defibi	ıııator	and Elect	osurgery					
Signals		ECG								
Maximum delay Output range		≤30 ±5								
Signal gain		100	00 (1V,	/mV)						
Gain accuracy Maximum offset			) mV ) mV							
ECG bandwidth MON			± 50 mV  MONITOR: 5 - 24 Hz NORMAL: 0.5 - 40 Hz EXTENDED: 0.05-100 Hz							
								ED: 0.0	5-100 Hz	
	S	Amı	plitude	e: 5 V (nor		0.5 - 40 Hz Ouration: 5		ED: 0.0	5-100 Hz	
ECG range Output impedan		-5 to	plitude o 5 m\ Ω ± 5	e: 5 V (nor / %				ED: 0.0	5-100 Hz	
ECG range Output impedand Data rate	ce	-5 to 249 400	plitude o 5 m\ Ω ± 5	e: 5 V (nor /				ED: 0.0	5-100 Hz	
ECG range Output impedan	ce	Am <sub>1</sub> -5 to 249 400 S	plitude 0 5 m\ Ω ± 5 samp	e: 5 V (nor / % les/sec B, VTAC, R	un, AIVR, COUPLET	Ouration: 5	ms			
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ECG range Output impedant Data rate ARRHYTHMIA Type  Learning Method Memory ST ANALYSIS Display resolution Measurement Ra Alarm Range Features Update period NISP NISP NISP NISP NISP NISP NISP NISP	& CAS ND-ethodode me inge (mmH inge)   30 ~ 25   15 ~ 22   20 ~ 23   (cer accurators et al. )   1   1   1   1   1   1   1   1   1	Amj -5 tr 249 4000 4000 4000 4000 4000 4000 4000	plitude o 5 m\ \ \O \times 5 m\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	e: S V (nor / / / / / / / / / / / / / / / / / / /	UN, AIVR, COUPLET NT PVCs 2/20 Seconds require ia detection with in the latest 150 ARF society and ST p  society and ST p  society and ST p  society and ST p  20 ~ 135 20 ~ 125 gmmHg, Pediatric  detection with in color and ST p	F, BIGEMIN ed for recc novative for a event (was	tric SYS DIA MAP  Resolution 1 % 0.1 g/dt 0.1 m//dt	IV, TACIONINAM  Parameter  es  30 ~ 15 ~ 20 ~ 30 at a constant to the constant	HY, BRADY It rhythm. eters) 240 220 230	
ECG range Output impedant Data rate ARRHYTHMIA Type Learning Method Memory ST ANALYSIS Display resolutio Measurement Ra Alarm Range Features Update period NIBP SAADAT Module Measurement m Measurement tir Me	& CAS ND-tethod ode ne neg (mmH 30 ~ 25 15 ~ 22 20 ~ 23 ccer accurarget	Ami	plitude o 5 m\ \ \O \times 5 m\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	e: S V (nor / / / / / / / / / / / / / / / / / / /	UN, AIVR, COUPLET INT PVCS y 20 seconds requir is detection with in is the latest 150 ARF  soelectric and ST p  so	F, BIGEMIN ed for recc novative for a event (was	ny, TRIGEMINI Dignition of does ture.  aveform and of ST value  tric SYS DIA MAP  Neon  Resolution  1 % 0.1 % 1 % 1.4 milding 1.4 milding 1.5 milding 1.5 milding 1.6 milding 1.7 milding	IV, TACIONINAM  Parameter  es  30 ~ 15 ~ 20 ~ 30 at a constant to the constant	HY, BRADY It rhythm. eters) 240 220 230	
ECG range Output impedant Data rate ARRHYTHMIA Type Learning Method Memory ST ANALYSIS Display resolution Measurement Ra Alarm Range Features Update period NiBP SAADAT Module Measurement m Measurement tm Measurement tr Measurement	& CAS ND-ethod odde me (mmH singe 15 ~ 22 20 ~ 23 ccr accurators acres accurators and singe 15 ~ 10 m singe 15	Ami	plitude o 5 m\ \ \O \times 5 m\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	e: S V (nor / / / / / / / / / / / / / / / / / / /	UN, AIVR, COUPLET ENT PVCS y 20 seconds requir is detection with in the latest 150 ARF  soelectric and ST p  dic/Stat ing cuff pressurizat  30 ~ 135 15 ~ 110 15 ~ 110 9 e emmHg, Pediatric  PVI ed Range 0 – 100 % 0 – 99.9 % 0 – 99.9 % 0 – 99.9 % 0 – 99.0 / 25.0 g/dL 0 – 35.0 ml/dL 25 – 240 bpm 0 – 20.0 % 0 – 100 %	F, BIGEMIN ed for recc novative for a event (was	ny, TRIGEMINI Dignition of does ture.  aveform and of ST value  tric SYS DIA MAP  Neon  Resolution  1 % 0.1 % 1 % 1.4 milding 1.4 milding 1.5 milding 1.5 milding 1.6 milding 1.7 milding	IY, TACI	HY, BRADY It rhythm. eters) 240 220 230 85 mmH <sub>g</sub>	
ECG range Output impedant Data rate ARRHYTHMIA Type Learning Method Memory ST ANALYSIS Display resolutio Measurement Ra Alarm Range Features Update period Memory STANALYSIS Display resolutio Measurement Ra Adarm Range Measurement m Measurement tim Measur	& CAS ND- ethod ode ne nge (mmH 30~25 15~22 20~23 ccer accura arget  ters	Ami	plitude o 5 m\ \ \O \times 5 m\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	e: S V (nor / / / / / / / / / / / / / / / / / / /	UN, AIVR, COUPLET NT PVCS y 20 seconds requir a detection with in the latest 150 ARF  soelectric and ST p  ic/Stat ing cuff pressurizat  30 ~ 135 15 ~ 110 20 ~ 125 ge mmHg, Pediatric  pvI ed Range 0 - 100 % 0 - 99 % 0 - 25.0 g/dL 0 - 35.0 ml/dL 0 - 35.0 ml/dL 0 - 35.0 ml/dL 0 - 30.0 % 0 - 100 %	F, BIGEMIN ed for recc novative for a event (was	ric SYS DIA MAP nHg, Neon 1 % O.1 %	30 ~ :   15 ~ :   20 ~ :   20 ~ :	240 220 230 85 mmHg	
ECG range Output impedant Data rate ARRHYTHMIA Type Learning Method Memory ST ANAL YSIS Display resolution Measurement Ra Alarm Range Features Update period NIBP SAADAT Module Measurement m Measurement tim	& CAS ND-tethod oode me inge (mmH inge)   30 ~ 25   15 ~ 22   20 ~ 23   20 ~	Ami	plitude o 5 m\ \ \O \times 5 m\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	e: S V (nor / / / / / / / / / / / / / / / / / / /	UN, AIVR, COUPLET INT PVCS y 20 Seconds requir is detection with in the latest 150 ARF  soelectric and ST p  ic/Stat ing cuff pressurizat  30 ~ 135 15 ~ 110 15 ~ 110 20 ge mmHg, Pediatric  PVI ed PVI ed PVI ed O – 99, 9% O – 90, 0% O – 100 %  diatric  diatric/Neonate	F, BIGEMIN ed for recc novative for a event (was	ng of ST valu  tric SYS DIA MAP  Resolution 1 % 0.1 % 1 1 % 0.1 g/dL 0.1 ml/dL 1 1 PPM 0.1 % 1 1 PPM 0.1 MAP  1 PPM 0.1 MAP  1 PPM 0.1 MAP 1 PPM 0.1	30 \( \sigma \)   15 \( \sigma \)   20 \( \sigma \)   31 \( \sigma \)   15 \( \sigma \)   20 \( \sigma \)   31 \( \sigma \)   32 \( \sigma \)   37 \( \sig	240 220 230 85 mmH <sub>8</sub>	
ECG range Output impedant Data rate ARRHYTHMIA Type Learning Method Memory ST ANALYSIS Display resolution Measurement Ra Alarm Range Features Update period NIBP SAADAT Module Measurement m Measurement tim M	& CAS ND- ethod ode ne nge (mmH 30~25 15~22 20~23 ccer accura arget  inhow Set	Ami	plitude o 5 m\ \ \O \times 5 m\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	e: S V (nor / / / / / / / / / / / / / / / / / / /	UN, AIVR, COUPLET NT PVCS y 20 Seconds requir a detection with in the latest 150 ARF  soelectric and ST p  ic/Stat ing cuff pressurizat  30 ~ 135 15 ~ 110 20 ~ 125 ge mmHg, Pediatric  pvI ed Range 0 - 100 % 0 - 99 % 0 - 25.0 g/dL 0 - 35.0 ml/dL 0 - 35.0 ml/dL 0 - 35.0 ml/dc diatric/Neonate diatric/Neonate	F, BIGEMIN ed for recc novative for a event (was	rric SYS DIA MAP  Resolution 1 % 0.1 % 1 % 0.1 g/dl. 0.1 m/dl. 1 BPM 0.1% 1 BPM 1 BPM 0.1% 1 SYS 0.2 g/dl. 0.3 m/dl. 1 BPM 0.4 g/dl. 0.5 g/dl. 0.6 g/dl. 0.7 g/dl. 0.7 g/dl. 0.8 g/dl. 0.9 g/dl. 0.9 g/dl. 0.1 g/dl. 0.1 g/dl. 0.1 g/dl. 0.2 g/dl. 0.3 g/dl. 0.4 g/dl. 0.5 g/dl. 0.5 g/dl. 0.6 g/dl. 0.7 g/dl. 0.7 g/dl. 0.8 g/dl. 0.9 g/dl. 0.9 g/dl. 0.9 g/dl. 0.1 g/dl. 0.1 g/dl. 0.1 g/dl. 0.2 g/dl. 0.3 g/dl. 0.4 g/dl. 0.5 g/dl. 0.5 g/dl. 0.6 g/dl. 0.7 g/dl. 0.7 g/dl. 0.8 g/dl. 0.9	30 ~ 10   10   10   10   10   10   10   1	240 220 220 230 85 mmHg	
ECG range Output impedant Data rate ARRHYTHMIA Type Learning Method Memory ST ANAL YSIS Display resolution Measurement Ra Alarm Range Features Update period NIBP SAADAT Module Measurement tim Measurement tim Measurement SR Adult SS DIA MAP Pressure Transdu Initial Inflation Ta Memory SpO2 (MasimoRa SpO2 Parameters MethodSpo2 Rainbow parame MethodRainbow Range & Resoluti Accuracy Oxygen Saturatie no motion condition low perfusion co- Pulse Rate no motion condition on condition condition condition condition of pulse Rate no motion condition c	& CAS ND-tethod oode me inge (mmH inge)   30 ~ 25   15 ~ 22   20 ~ 23   20 ~	Ami	plitude o 5 m\ \ \O \times 5 m\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	e: S V (nor / / / / / / / / / / / / / / / / / / /	UN, AIVR, COUPLET INT PVCS y 20 Seconds requir ia detection with in the latest 150 ARF  soelectric and ST p  dic/Stat ing cuff pressurizat  30 ~ 135 15 ~ 110 15 ~ 110 20 ge mmHg, Pediatric  PVI ed PVI ed PVI ed 0 - 100 % 0 - 99 % 0 - 99 % 0 - 99 % 0 - 99 % 0 - 90 % 0 - 100 %  diatric  diatric/Neonate diatric/Neonate diatric/Neonate	F, BIGEMIN ed for recc novative for a event (was	ng of ST valu  tric SYS DIA MAP  Resolution 1 % 0.1 g/dL 0.1 m//dL 1 8 PM 0.1 g/dL 0.2 ±3% (SPO2 ±2% (SPO2 ±2% (SPO2 ±35pm (Pi	30 ~ 1   3	240 220 230 85 mmHg	
EGG range Output impedant Data rate ARRHYTHMIA Type Learning Method Memory ST ANALYSIS Display resolution Measurement Ra Alarm Range Features Update period NiBP SAADAT Module Measurement m Measurement m Measurement Ra Adult SYS DIA MAP Pressure Transion Tidenton Ta Memory Spo2 (MasimoRa Spo2 Parameters MethodSpo2 Rainbow parame Rainbo	& CAS ND-lethod ode me inge (mmH is 30 ~ 25 15 ~ 22 20 ~ 23 icer accurators of instances of inst	Ami	plitude o 5 m\ \ \O \times 5 m\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	e: 5 V (nor / / / / / / / / / / / / / / / / / / /	UN, AIVR, COUPLET NT PVCS y 20 Seconds requir a detection with in the latest 150 ARF  soelectric and ST p  ic/Stat ing cuff pressurizat  30 ~ 135 15 ~ 110 20 ~ 125 ge mmHg, Pediatric  pvI ed Range 0 - 100 % 0 - 99 % 0 - 25.0 g/dL 0 - 35.0 ml/dL 0 - 35.0 ml/dL 0 - 35.0 ml/dc diatric/Neonate diatric/Neonate	F, BIGEMIN ed for recc novative for a event (was	ric SYS DIA MAP  Resolution 1 % 1 % 0 .1 % 1 % 0 .1 m/d 1 % 1 % 2 % (SPO2 ±3% (SPO2 ±3% (SPO2 ±35) (SPO2 ±35) (SPO2 ±25) (SPO2 ±35)	30 ~ 10   10   10   10   10   10   10   1	240 220 230 85 mmHg 00%) 10%) 10%) 10%)	
ECG range Output impedant Data rate Data rate ARRHYTHMIA Type Learning Method Memory ST ANALYSIS Display resolution Measurement Ra Alarm Range Features Update period NIBP SAADAT Module Measurement m Measurement tim Measure	& CAS ND-ethodocode me inge (mmH inge)   30 ~ 25   15 ~ 22   20 ~ 23   20 ~	Ami	plitude 0 5 m/s 2 samp S, VFII 3, PAU 1 samp S, VFII 4 samp S, VFII 5 samp S, VFII 6 samp S, VFI	e: S V (nor / / / / / / / / / / / / / / / / / / /	UN, AIVR, COUPLET INT PVCS y 20 Seconds requir ia detection with in it the latest 150 ARF  soelectric and ST p  dic/Stat ing cuff pressurizat  30 ~ 135 15 ~ 110 15 ~ 110 20 ge mmHg, Pediatric  PVI ed Range 0 - 100 % 0 - 99 % 0 - 99 % 0 - 99 % 0 - 99 % 0 - 90 % 0 - 100 % 0 - 100 % 0 - 100 % 0 - 100 % diatric/Neonate diatric/Neonate diatric/Neonate diatric/Neonate diatric/Neonate diatric/Neonate diatric/Neonate diatric/Neonate diatric/Neonate	F, BIGEMIN ed for recc novative for a event (was	ric SYS DIA MAP  Resolution 1 % O.1 % I % O.1 m//dL 1 8PM O.1 m/ dL 1 % SPO2 ±3% (SPO2 ±3% (SPO2 ±35k) FDDM (PI ±55bm (PI ±55bm (PI ±55bm))	30 ~ 1	240 220 230 85 mmHg 00%) 10%) 10%) 10%)	

TEMPERATURE(2 Ch	annel)								
Probe Type		YSI 400 Compatible 0 - 50 °C							
Range Accuracy			± 0.2 °C						
RESPIRATION									
Method Base Resistance			Impeda 250 -12	nce 50 Ohm					
Dynamic Range			0.2 - 2 (	Ohm					
Breath Rate Range Accuracy			0 - 253 BrPM ±2% or 2 BrPM						
IBP			12/0 01	Z DIFIVI					
Number of Channels			c) (C (D)	4445 50					
Measurement Range Pressure Filter	:			/MAP: -50 '			3		
Press Sensor Sensitivity			8Hz, 16Hz,22Hz selectable 5 µV / V / mmHg						
Press Sensor Impeda	nce		300 ~ 2500 Ohm						
Resolution Accuracy	1 mmHg 2 % or 2mmHg (each one is greater) without transducer								
IBP Auto Scale									
Pump Page Multi-gas, Mainstrea	m/IRMA SIde	stream/IS	SA (MA	ASIMO SWI	EDEN	JAR)			
Interface	in navni, ola	Modif	ied RS-2	232 serial int	terfac		ating at 960	00 bps.	
Mode of operation		CONTINUOUS OPERATION							
Degree of protection against harm IRMA CO2/ISA CO2		ful ingress of water or particulatematter : IP44  CO2, CO2 waveform							
IRMA AX+		CO2, N2O, primary and secondary agents (HAL, ISO, ENF, SEV, DES)							
ISA AX+ ISA OR+		CO2,O2, N2O, primary and secondary Agents (HAL, ISO, ENF, SEV, DES) CO2,O2, N2O, primary and secondary Agents (HAL, ISO, ENF, SEV, DES)							
Accuracy - standard		instrem/	'IRMA						
The following accura Gas	cy specificatio	ns are val	lid for d	lry single gas	ses at			3 ± 40 hPa	
CO2		0 to 15	vol%		Accuracy ±(0.2 vol% +2% of			-2% of reading)	
N2O		0 to 10	0 vol%				±(2 vol% +2% of reading)		
HAL,ISO,ENF SEV		0 to 8 v						+5% of reading) +5% of reading)	
DES		0 to 22	vol%					+5% of reading)	
Accuracy standard of				no drift for	dr. c'	ngles	sees at 22 ·	5 °C and 1012 ± 40 kg-	
rile rollowing accura	cy specification	ıs аге va	iiu with	no drift for Accuracy	ury Si	rigie ga	ises at 22 ±	5 °C and 1013 ± 40 hPa	_
CO2	0 to15 vol%			±(0.2 vol%		of read	ing)		
N2O	15 to 25 vol% 0 to 100 vol%			Unspecified ±(2 vol% +2		readin	g)		
HAL, ENF, ISO	0 to 8 vol%			±(0.15 vol%	6+5%				
SEV	8 to 25 vol% 0 to 10 vol%			Unspecified ±(0.15 vol%		of ro-	ding)		_
3EV	10 to 10 vol%	,		Unspecified		or rea	ullig)		
DES	0 to 22 vol%			±(0.15 vol%		of rea	ding)		
O2	10 to 25 vol%			Unspecified ±(1 vol% +2		readin	a)		
BFA (Brain Functio				2(2 00)/0 12	270 01	readii	6/		
BFA Interface EEG sensitivity				uired for Inte	egrati	g BFA	mdule and i	monitors	
Noise			±450μV <2μVp-p <0.4μV RMS, 0.25-250 Hz						
CMRR			>140dB						
Input impedance Sample rate	>50MΩ 1000 samples/sec(16 bits equivalent)								
Brain Function Index	0-100. Filter 1-47Hz, 1sec. update								
BSR BSR	0-100. Filter 30-47 Hz, 1 sec. update								
Signal Quality Index	0-100. Filter 2-47 Hz, 1 sec. update 0-100. 1 sec. update								
EEG Waveform	±250μV, user-adjustable, 5 sec								
Alarms Artifact rejection	Auditory and visual, user-adjustable limits  Automatic								
Sensor impedance m	0-30kOhm / Manual-Automatic/ measurement current 0.06μA								
Power Supply Power Consumption	5 VDC Less than 0.5 W								
Weight			100						
Dimensions				64×25 mm					
Classification Sensors	Class I, type BF, continuous use Ambu Neuro Sensors								
Cable length	195 cm/ 77" with 35 cm/ 14" split								
Memory Trend		Data recording (96 hours)  BFI/EMG/SQI/BS, 10 sec. update			rlate				
Environment - Opera	Tem		perature		ec. up	aute	5-40°C		
				numidity				20~96%	_
Cardiac Output			Altit	uae				-200~3000m	
Method : Right H	leart Thermod	ilution		Range:			5-18 l/min		
Resolution: 0.01l/n Thermal Recorder	nin			Reproduc	ibility	/: ±3	%		
Channels: Up to 3	3 waveforms			Printing S	peed:	6,	12.5,25 mm	/sec	
Paper Size: 57mm DRUG CALCULATE	by 59 foot rol								
To calculate the dose	and time of n	nedicatio	n						
ALARM									
Sources Alarm On/Off				, All other pa		eter lin	nits		
Alert	Selectable for all parameters Blinking on Display, Volume Selectable Audio Alarms, Light indicator								
ALARM RECALL	alarma al-								
Displaying occurred a TREND	aiarriis aiong w	in ECG/	3PU2/2	ibr/KESP/G	42 Wa	vetorr	ııs (ZU recei	it diarm)	
Sources :								AP), IBP2(SYS,DIA,MAP	),
	IBP3(SYS,DIA,MAP), IBP4(SYS,DIA,MAP),EtCo2,FiCo2,AWRR(sidestream, mainstream), EtN20,FiN2O,EtO2,FiO2,EtAA,FiAA(ISO, DES, ENF, HAL, SEV)								
Trend Saving/ Recor	96 Hours with 1 Second Resolution								
Retrieving/Viewing	time frame	15, 30, 4	15 Min,	1, 2 and 4 H	ours				
OXY-CRG 6 Parameters Trend									
INPUT/OUTPUT									
Network VGA Connection				l Ethernet LA				Or WIfi ocessor M.B)	
. s somection								Processor M.B)	
Internal Battery		( narge !	time		Usage ~ 1:30 hours				
Internal Battery Battery Type Lead Acid 12 V, 3.3 A	AH .	~ 4 hou	II'S	~ 6 hours					
Battery Type Lead Acid 12 V, 3.3 A Lithium Polymer: 11	1V,4.3AH	~ 4 hou				~ 3 h	Juis		
Battery Type Lead Acid 12 V, 3.3 A Lithium Polymer: 11. Physical Specification	1V,4.3AH	~ 4 hou ~ 6 hou	irs	×17 (D)		~ 3 h	Juis		
Battery Type Lead Acid 12 V, 3.3 A Lithium Polymer: 11	1V,4.3AH n	~ 4 hou ~ 6 hou 45 (W) >	×36 (H) hium P	olymer Batte		~ 3 h			
Battery Type Lead Acid 12 V, 3.3 A Lithium Polymer: 11 Physical Specification Dimension (Cm) Weight (approximate	1V,4.3AH n	~ 4 hou ~ 6 hou 45 (W) >	×36 (H) hium P						
Battery Type Lead Acid 12 V, 3.3 A Lithium Polymer: 11. Physical Specification Dimension (Cm) Weight (approximate ENVIRONMENTAL	1V,4.3AH n ely)	~ 4 hou ~ 6 hou 45 (W) > With Lit With Se	×36 (H) hium P	olymer Batte	tery	6.9Kg 7.8 Kg	3	25 to 60 °C	
Battery Type Lead Acid 12 V, 3.3 A Lithium Polymer: 11 Physical Specification Dimension (Cm) Weight (approximate	1V,4.3AH n	~ 4 hou ~ 6 hou 45 (W) > With Lit With Se to 40 °C 0-90 % (N	×36 (H) hium Po aled Le	olymer Batte ad Acid Batt	Stora	6.9Kg 7.8 Kg	g Fransport: -	25 to 60 °C 0-100 % (Noncondensir	ng)







# Trionara Technologies AB

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