

Technical Specification

Safety		Dimension & Weight	
Meet the requirements of IEC60601 series CE marking according to MDD93/42/EEC		Dimension:	254*185*90mm
Type of Protection: Class I with internal electric power supply		Weight:	1.1Kg
Degree of Protection: BF(defibrillation proof)			
Protection Against Ingress of Liquid: IPX2			
Operation Environment		Storage Environment	
Temperature:	0 to 40 C	Temperature:	-20 C to +60 C
Humidity:	10% to 95%(Non-condensing)	Humidity:	10% to 95%(Non-condensing)
Performance Specification			
Display:	4.3"color TFT		
Resolution:	480*272		
Multi Display:	Standard screen display/Waveform display		
Trace:	1 plethysmogram waveform,1Capnographic(option)		
Indicator:	Alarm indicator light/power indicator light/Pulse tone/Alarm sound		
Interface:	SPO2 sensor interface/Temperature sensor interface		
DC Power Requirements:	Input voltage 12V DC, Power 2.5A		
Battery:	Lithium Battery,24hours for continuous working		
Trend memory:	Monitoring mode : Maximum time is 96h		
Alarm:	Spot-Check mode: Review of up to 4,000 data/measure up to 99 patients		
	3-level audible and visual alarm		

Parameter Specification			
SpO2		NIBP	
Measurement Range		Method:	Automatic oscillometric
SpO2 :	0-100%	Operation modes:	Manual/Auto /Continue
Accuracy		Measurement unit:	mmHg/kPa selectable
Adult (Pediatric):	±2%(70 to 100%)	Measurement types:	Systolic, Diastolic, Mean
Neonate:	±3%(70 to 100%)	Measurement range	
Pulse Rate		Range of systolic pressure:	Adult Mode 40 - 270 mmHg
Range:	25 to 250bpm	Pediatric Mode	40 - 200 mmHg
Resolution:	1bpm	Neonatal Mode	40 - 135 mmHg
Accuracy:	±3bpm non-motion	Adult Mode	10 - 210 mmHg
	±5bpm motion	Pediatric Mode	10 - 150 mmHg
Refreshing rate:	1s	Neonatal Mode	10 - 100 mmHg
Normal Temperature		Adult Mode	20 - 230mmHg
Accuracy:	±0.1°C or ±0.2°F(without probe)	Pediatric Mode	20 - 165mmHg
Measurement range:	0~50°C(32to122°F)	Neonatal Mode	20 - 110mmHg
Channel:	One-channel	Accuracy	
Resolution:	0.1°C	Max mean error:	±5 mmHg
		Max standard deviation:	8 mmHg
		Over-pressure protection:	Double safety protection
		Resolution:	1mmHg

Covidien Genius™ Fast TEMP			Phasein ISA™ Sidestream CO2	
Measurement Range			Warm-up time:	Full accuracy within 10 seconds
Mode	Range °C	Range °F	Sampling flow rate:	50ml/min (+/-10ml/min)
Ear	33.0 to 42.0	91.4 to 107.6	Accuracy:	± (0.2 % + 2 % of the reading)
Oral	33.6 to 42.0	92.5 to 107.6	Measurement Range:	0 -15%
Core	34.0 to 42.0	93.2 to 107.6	Rise time:	200ms, typical at 50ml/min flow rate
Rectal	34.2 to 42.0	93.6 to 107.6	Total response time:	within 3 seconds (with 2 m Nomoline sampling line)
			AWRR Range:	0-150bpm
			AWRR Accuracy:	±1 breath
Phasein IRMA™ Mainstream CO2				
Measurement Range:	0 -15%			
Warm-up time:	Full accuracy within 10 seconds			
Accuracy:	± (0.2 % + 2 % of the reading)			
AWRR Range:	0-150bpm			
AWRR Accuracy:	±1 breath			

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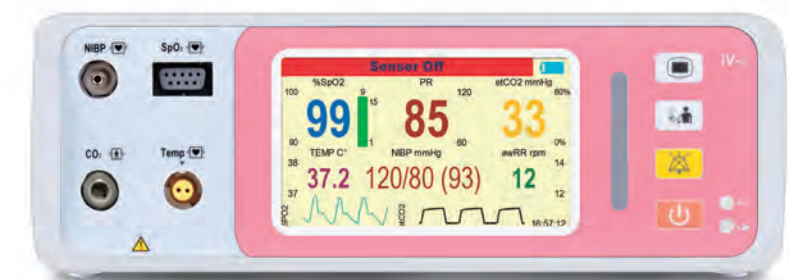
CE 0120

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Rev 1.1-151005

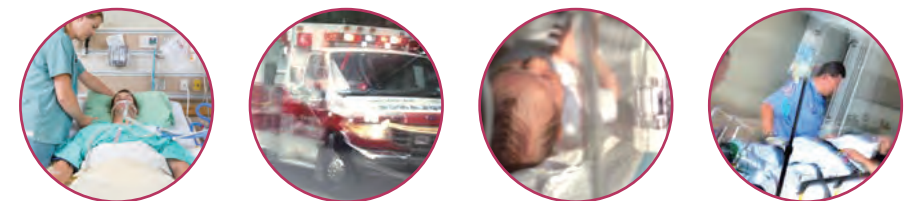
Dedicated to improving life care

As a portable, compact, simple, reliable and durable physiological monitoring device, vital signs monitor greatly enhances patient care. It is widely applied in clinic, hospital, social medical organizations, ambulance, etc.

It can be used for adult, pediatric and neonatal monitoring for clinical diagnosis and research.



Parameter Options: SpO2, NIBP, Normal TEMP, Fast TEMP, CO2

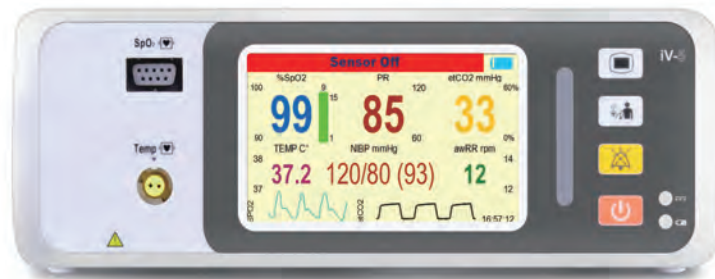


iV-5 series
Vital Signs Monitors

www.continuumlifecare.com

iV-5

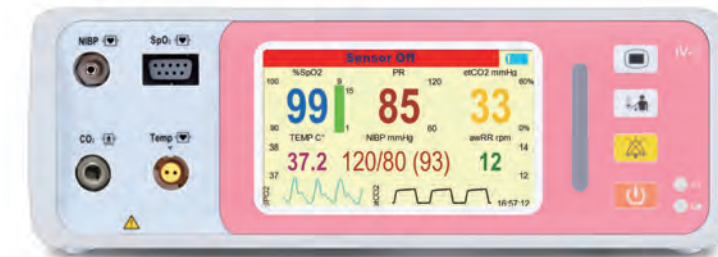
Parameters: SpO2, PI, PR, Normal TEMP



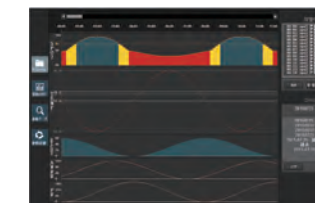
- Work mode: Continuous Monitoring/Spot Check
- Adjustable audio & visual alarm, visible text alarm
- Excellent performance in low perfusion status
- Proven sensitive signal detection technology
- High accuracy & Stable measurement
- Suitable to adult, pediatric, neonate
- Numeric display with plethysmogram display
- Adjustable screen brightness
- SD card for powerful data storage capacity
- Adjustable screen brightness
- Suitable for adult, pediatrics and neonates
- Wi-Fi option for data transmission

iV-5c

Parameters: SpO2, PI, PR, Normal TEMP, CO2, Newborn kits



- Compact and lightweight design
- External SD card for unlimited data storage
- Adjustable audio & visual alarm
- Optional quiet work mode
- Optimized software algorithm for the newborns
- Customized neonatal measurement kits
- World leading CO2 technology from MASIMO



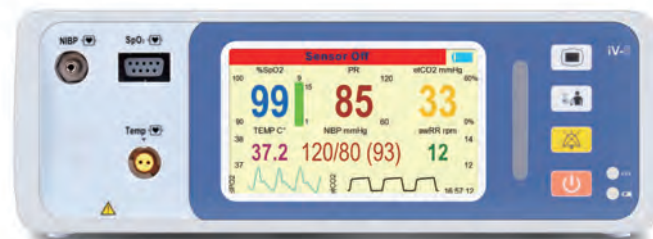
Specialized PC software to analyze the measurement data

iV-5a/b

Parameters: SpO2, PI, PR, NIBP, Normal TEMP/Fast TEMP

Covidien Genius™ 2 Fast Temp

- Durable tip based sensor technology
- Tapered probe design
- Rapid response time (1 to 2 seconds)
- Real time temperatures
- Programmable display
- Single use disposable probe covers



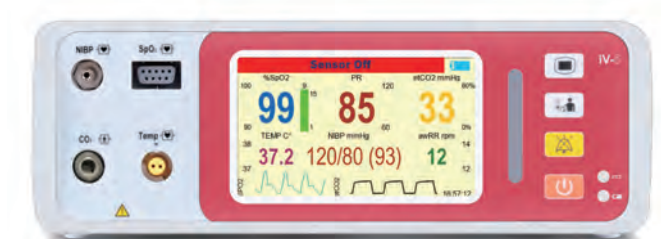
1. The Genius 2 infrared tympanic electronic thermometer is the gold standard in thermometry
2. The Genius 2 thermometer optimizes patient care by delivering fast, accurate temperatures and supporting infection control initiatives

iV-5d

Parameters: SpO2, PI, PR, NIBP, Normal TEMP, CO2

MASIMO Capnography

- Real-time and continuous measurements
- Wide range of clinical settings (ICU, emergency and transport, etc.)
- Supports monitoring of infant, pediatric or adult patients
- Intubated and non-intubated patients
- Short start-up time <10 sec
- Stable measurements - no calibration required



MASIMO IRMA Mainstream CO2



MASIMO ISA Sidestream CO2