

# Care Vision VS-110

## Vital Signs Monitor



**Simple!**

User friendly



**Speedy!**

Quick measurement



**Stable!**

Self-test



### Features

- Enhanced NIBP, Temperature and SpO<sub>2</sub> accuracy
- Compact design (increasing mobility)
- User friendly interface (Data output-USB)
- Built-in rechargeable battery
- Adult, Pediatric and Neonate application
- Internal thermal printer (option)
- Alarm system

### Configurations

NIBP only	N
NIBP, Printer	NP
NIBP, SpO <sub>2</sub>	NS
NIBP, SpO <sub>2</sub> , Printer	NSP
NIBP, Temperature	NT
NIBP, Temperature, Printer	NTP
NIBP, SpO <sub>2</sub> , Temperature	NST
NIBP, SpO <sub>2</sub> , Temperature, Printer	NSTP



Care Vision Health Care Pte. Ltd.

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### Technical Specifications >>



CE 0407



### Technical Specifications

Mechanical	
Size	120(W) x 177.5(D) x 205(H) mm
Weight (without accessories, options, cable)	Approx. 2.3 kg
Mounting	Self-supporting on rubber feet Custom mobile stand(Option)
Portability	Hand grip
Display	
Screen Type	Custom LCD
Active Screen Size	87.3 x 100mm
Printer(option)	
Type	Internal thermal printer
Paper Width	58mm
Safety Standards	
According to EN 60601-1	
Protection Class	Class I NIBP, SpO <sub>2</sub> : Type BF / Temp : Type B
Power Sources	
Internal Battery	12V, 2000 mAh, Ni-MH
Battery Operation Time	Over 6 hours
DC Adapter	Input: 100-240 VAC(50/60 Hz) / Output: 18V, 3.4A

### Measuring and Display

NIBP (Non Invasive Blood Pressure)			
Method of Measurement			Oscillometric
Blood Pressure Range	SYS	Adult	40~260mmHg
		Pediatric	40~160mmHg
		Neonate	40~130mmHg
	MAP	Adult	26~220mmHg
		Pediatric	26~133mmHg
		Neonate	26~110mmHg
DIA	Adult	20~200mmHg	
	Pediatric	20~120mmHg	
	Neonate	20~100mmHg	
Clinical Accuracy	Meet accuracy requirements of ANSI / AAMI SP10 (1992 and 2002)		
Pressure Transducer Accuracy	±3 mmHg between 0 ~ 300 mmHg for operating conditions between 0~50°C		
Pulse Rate Range	30~220 BPM (Bit Per Minute)		
Pulse Rate Accuracy	±2% or ±3 BPM, whichever is greater		
Overpressure Cutoff	300mmHg (Adult & Pediatric modes) / 150mmHg (Neonate mode)		

SpO <sub>2</sub>	
Saturation Range	0~100%
Saturation Accuracy	70 -100% ±2%
Pulse Rate Range	25~250BPM
Pulse Rate Accuracy	± 2 digit(BPM)
Temperature	
Technique	Infrared ear measurement
Measurement Range	0°C ~ 100°C
Temperature Accuracy	0 ~ 31.9°C / 42.3 ~ 100°C, ±1°C 32°C ~ 42.2°C, ±0.2°C
Display Resolution	0.1°C
Measurement Spot	An eardrum

### General Environment Condition

Operating temperature	5 ~ 40°C
Storage temperature	-10 ~ 50°C
Operating Humidity	15 ~ 95 % (non - condensing)
Storage Humidity	15 ~ 95 % (non - condensing)

\* Technical specifications are subject to change without prior notice. The functions and technical features detailed here are valid at the time of press. They are neither legally binding nor guaranteed. All features are liable to change without notice. For latest data, please contact your dealer.