



PMVS
Series
Desktop Patient Monitor

ZUG[®]
MEDICAL SYSTEMS

OVERVIEW

The PMVS patient monitor are designed to meet the daily clinical needs monitoring. Accurate measurement, Small size and easy to use.

FEATURES

Excellent Performance :

- > LowPulseStr™ SPO2 algorithm more reliable readings of SPO2 during low perfusion and motion.
- > iFastBP® NIBP algorithm used for fast and comfortable measurement.
- > wSmartHeart® ECG technology for more safety monitoring of patient.
- > iRealResp™ Breating rate technology to get the real reading during motion.
- > wSmartGas® Capnograph technology to get reliable reading during multi-environment.

Powerful function

- > Multi display mode Big font.
- > 8 inch screen can be optional.
- > Wi-Fi connectivity more flexible application.
- > eTeleView™ Central Montior system support.
- > Smart alarm system more safety and more efficient.
- > Fanless design.
- > Compact design and easy to use.

MULTI-SCENARIO APPLICATION



Bedside care



Transport hospital



Operating room

PRODUCT OPTIONAL GUIDER

VS 800		
Standard application	SpO ₂	PR
	NIBP	TEMP
Optional application	Wi-Fi	Printer
	3 Leads ECG	Touch Screen
	5 Leads ECG	Infrared thermometer (Wired)
	EtCO ₂ (Mainstream, TiniStream)	Infrared thermometer (Wireless by Bluetooth)

CENTRAL MONITORING SYSTEM

Central Monitoring System supports up to 64 beds or 64 patients across clinical units at the same time.

240 hours of 64-channel holographic physiological waveform storage and review.

Provides review of up to 240 hours trend data storage, 720 alarm events per beds.

Bi-directional communication with PMVS Series monitors for enhanced patient care.



PRODUCT SPECIFICATIONS

GENERAL

Dimensions: 17.5cm*27cm*12.5cm

Weight: 2.4kg(Including battery, built-in module)

Screen size: 8 inches

PARAMETER

TEMP

Range: 0-50°C

Accuracy: ±0.1°C

Resolution: 0.1°C

PR

Range: 25~300bpm

Accuracy: ±3bpm

Resolution: 1bpm

SpO₂

SpO₂ Range: 0~100%

SpO₂ Accuracy: 70~100%, ±2% <70%, Undefined

PI Range: 0~20%

PVI Range: 0.001%

NIBP

Static Pressure Range: 0~300mmHg

Static Pressure Accuracy: ±2mmHg or ±1% of reading (take the larger value)

Static Pressure Resolution: 1mmHg

Blood pressure SYS Range: Adult: 40-270mmHg	Pediatric: 40-235mmHg	Neonate: 25-130mmHg
Blood pressure DIA Range: Adult: 10-210mmHg	Pediatric: 10-200mmHg	Neonate: 10-90mmHg
Blood pressure Mean Range: Adult: 20-230mmHg	Pediatric: 20-225mmHg	Neonate: 15-100mmHg

Blood pressure Accuracy: The mean deviation<±5mmHg, The standard deviation<8mmHg

ECG(Optional)

ECG Range: 0.15~5.5mV

ECG Resolution: 2.36uV/LSB

HR Range: 15~300bpm(adult) 15~350bpm(child/neonate)

HR Accuracy: ±1bpm or ±1%(whichone is greater)

RR Range: Adult: 0~120rpm; Pediatric, Neonate: 0~150rpm

RR Accuracy: 15~150rpm: ±2rpm or ±2% <15rpm: Undefined

EtCO₂ (Optional)

CO₂ Range: 0~20.0vol%

CO₂ Accuracy: 0~12vol%: ±(0.2vol%+2%of reading) 12~20vol%: ±(0.2vol%+6%of reading)

AwRR Range: 0~150rpm

AwRR Accuracy: mainstream: 0~150rpm, ±1rpm Sidestream: 0~70rpm, ±1rpm 71~150rpm, Undefined