



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 safey 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
Optional application	NIBP	TEMP
	Wi-Fi	Printer
	3 Leads ECG	Touch Screen
	5 Leads ECG	Infrared therometer (Wired)
	EtCO ₂ (Mainstream, TiniStream)	Infrared therometer (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.



x64*

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: $\pm 0.1^\circ\text{C}$
Resolution: 0.1°C

PR

Range: 25~300bpm
Accuracy: $\pm 3\text{bpm}$
Resolution: 1bpm

SpO₂

SpO₂ Range: 0~100%
SpO₂ Accuracy: 70~100%, $\pm 2\%$ <70%, Undefined
PI Range: 0~20%
PVI Range: 0.001%

NIBP

Static Pressure Range: 0~300mmHg
Static Pressure Accuracy: $\pm 2\text{mmHg}$ or $\pm 1\%$ 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 $< \pm 5\text{mmHg}$, The standard deviation $< 8\text{mmHg}$

ECG(Optional)

ECG Range: 0.15~5.5mV
ECG Resolution: 2.36uV/LSB
HR Range: 15~300bpm(adult) 15~350bpm(child/neonate)
HR Accuracy: $\pm 1\text{bpm}$ or $\pm 1\%$ (whichever is greater)
RR Range: Adult: 0~120rpm; Pediatric, Neonate: 0~150rpm
RR Accuracy: 15~150rpm: $\pm 2\text{rpm}$ or $\pm 2\%$ <15rpm: Undefined

EtCO₂ (Optional)

CO₂ Range: 0~20.0vol%
CO₂ Accuracy: 0~12vol%: $\pm (0.2\text{vol\%} + 2\% \text{ of reading})$ 12~20vol%: $\pm (0.2\text{vol\%} + 6\% \text{ of reading})$
AwRR Range: 0~150rpm
AwRR Accuracy: mainstream: 0~150rpm, $\pm 1\text{rpm}$ Sidestream: 0~70rpm, $\pm 1\text{rpm}$ 71~150rpm, Undefined