

Patient Condition In one Glance

Prime Innovation for Medical Application

Aramis Series Patient Monitor

10inch

12inch

15inch

ZUG[®]
MEDICAL SYSTEMS



OVERVIEW

The Aramis series patient monitor are designed to meet the daily clinical needs about the bedside patient monitoring.

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™ Breathing rate technology to get the real reading during motion.
- > wSmartGas™ Capnograph technology to get reliable reading during multi-environment.

Powerful functions :

- > Multi display mode other beds view/Big font.
- > Wifi connectivity more flexible application.
- > 10, 12, 15 inch screen can be optional.
- > Easy to use with excellent usability.
- > eTeleView™ Central Montior system

Multi-scenario application : Bedside care/General care



CENTRAL MONITORING SYSTEM



Aramis 10

Aramis 12

Aramis 15

x64*

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

72 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 Aramis Series monitors for enhanced patient care.

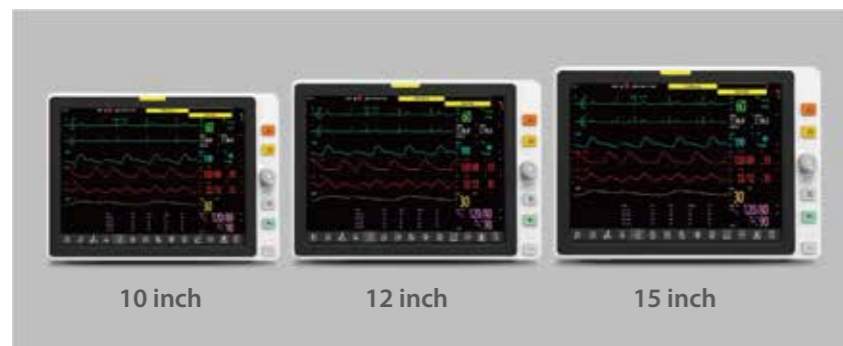
For more information, please contact us: info@zugmed.com

PRODUCT OPTIONAL GUIDE

Standard applications	Optional applications
3/5leads ECG	12 Leads ECG
NIBP	IBP*2
RESP	EtCO2 (Main stream , TiniStream),
SPO2	Central monitor
PR	Touch Screen
HR	Recorder
TEMP	

PRODUCT SPECIFICATIONS

GENERAL



Dimensions : 10 inch (31cm*14cm*24cm)
 12 inch (36cm*16cm*25cm)
 15 inch (39cm*15cm*26cm)

Weight : 4.5kg

Screen size : 10 inch, 12 inch and 15 inch

PARAMETER

SPO2

SPO2 Range : 0~100 %
 SPO2 Accuracy : 70~100 %, $\pm 2\%$ <70 %, Undefined
 PI Range : 0~20 %
 PVI Range : 0.001 %
 PR Range : 25-250 bpm
 PR Accuracy : ± 2 bpm or $\pm 2\%$ (whichever is greater)

ECG

ECG Range : 0.15~5.5 mV
 ECG Resolution : 2.36 μ V/LSB
 HR Range : 15~300 bpm (adult) 15~350 bpm (child/neonate)
 HR Accuracy : ± 1 bpm or $\pm 1\%$ (whichever is greater)
 RR Range : 0~120 bpm
 RR Accuracy : 15~120 rpm : ± 2 rpm or $\pm 2\%$ <15 rpm : Undefined

TEMP

Range 0-50 °C
 Accuracy ± 0.1 °C
 Resolution 0.1 °C

NIBP

Pressure Range 0~300 mmHg
 Pressure Accuracy ± 2 mmHg or $\pm 1\%$ of reading (take the larger value)
 Resolution 1mmHg
 SYS Range Adult : 40-270 mmHg Pediatric : 40-200 mmHg Neonate : 40-130 mmHg
 DIA Range Adult : 10-210 mmHg Pediatric : 10-162 mmHg Neonate : 10-90 mmHg
 Mean Range Adult : 20-230 mmHg Pediatric : 20-170 mmHg Neonate : 20-100 mmHg
 Accuracy The mean deviation $< \pm 5$ mmHg The standard deviation < 8 mmHg

RESP

Range 0-120 Rpm
 Accuracy 15-120 Rpm ± 2 Rpm or $\pm 2\%$ of the reading (whichever is larger) Others, undefined
 Resolution 1 Rpm

IBP (Optional)

Pressure Range -50~350 mmHg
 Accuracy ± 3 mmHg or $\pm 1\%$ of reading
 PR Range 25-250 bpm
 PR Accuracy ± 2 bpm or $\pm 2\%$ (whichever is greater)

EtCO2 (Optional)

CO2 Range 0~20.0vol%
 CO2 Accuracy 0~12 vol% : $\pm (0.2 \text{ vol}\% + 2\% \text{ of reading})$ 12~20 vol% : $\pm (0.2 \text{ vol}\% + 6\% \text{ of reading})$
 AwRR Range 0~150 rpm
 AwRR Accuracy mainstream : 0~150rpm, ± 1 rpm Sidestream : 0~69rpm, ± 1 rpm 70~150 rpm, Undefined