

MULTI-PARAMETER PATIENT MONITOR

JR2000D

Features:

- ❖ 12.1"high resolution color TFT LCD display.
- ❖ 6 parameters: ECG, RESP, NIBP, SpO2, Pulse Rate and Temperature
- ❖ 13 Type Arrhythmic Analysis, Multi-Lead ECG Waveforms Display in Phase
- ❖ Real time S_T segment analysis, pacemaker detection Drug calculation and titration table
- ❖ Efficient resistance to interference of defibrillator or and electrosurgical cautery
- ❖ SPO2 can testing for 0.1% Weak
- ❖ RA-LL impedance Respiration
- ❖ Trend Coexist Display
- ❖ OxyCRG DyNamic View Display
- ❖ Options: printing, 2-IBP, EtCO2, touch Screen and animal software with animal accessories
- ❖ UP to 1-2 hours working capacity of built_in rechargeable battery.
- ❖ Large volume of tabular and graphic trends information storage and easy to recall.
- ❖ Anti-ESU, anti- defibrillator

Specification:

1. ECG

Lead Mode: 5 Leads or 3 Leads

3 Leads:RA、LA、LL, Lead mode: I, II, III

5 Leads:RA、LA、LL、RL、V,

Lead mode:I, II, III, aVR, aVL, aVF, V

Gain ×250, ×500, ×1000, ×2000

Heart Rate :

Range: Adult: 15~300bpm ;

Neonate / Pediatric: 15 ~ 350 bpm

Accuracy:±1%or ±1bpm,

Resolution:1 bpm

Sensitivity:>200 uV

Differential Input Impedance >5MΩ

Bandwidth

Diagnostic:0.05~130Hz

Monitor:0.5~40Hz

Surgery:1~20Hz

2. RESP

Method: Impedance between R-F(RA-LL)

Scope of base impedance:200~4000Ω

Bandwidth: 0.1~ 2.5 Hz

RESP

Range: Adult 2~120BrPM

Neonate / Pediatric 2~150 BrPM

Resolution:1 BrPM

Accuracy:±2 BrPM

Suffocation warning:10~40s

3. NIBP

Method: Oscillometric

Mode: Manual, Auto, STAT

Measuring interval in AUTO

MODE:1,2,3,4,5,10,15,30,60,90,120,180,240,480 MINS

Measuring interval in STAT MODE 5 MINS

PR range 40~240 bpm

Measuring Range and Resolution

Adult SYS 40~270mmHg

DIA 10~215mmHg

MEAN 20~235mmHg



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PED	SYS	40~200mmHg
	DIA	10~150mmHg
	MEAN	20~165mmHg
NEO	SYS	40~135mmHg
	DIA	10~100mmHg
	MEAN	20~110mmHg

STATIC NIBP range:0~300mmHg

Static NIBP accuracy:±3mmHg

Max Average tolerance ±5mmHg;

Max. Standard tolerance: 8mmHg

Over-pressure protection:

Adult mode:300 mmHg

Ped mode: 240 mmHg

Neo mode:150 mmHg

4. SpO2

Measuring range: 0~100%

Resolution:1%

Accuracy:70~100%: ±2;

Pulse Rate:

Measuring range: 20~300bpm

Resolution:1bpm

Accuracy:±3bpm

5. TEMP

Channels: 2

Measuring:

Range:0~50℃

Resolution:0.1℃

Accuracy: ±0.1℃ (sensor tolerance no not included)

6. Power

Adapter

Input: AC 90 V~240V, 50/60Hz

Output: DC 12V~ 20V

Built-in Battery:

TYPE:14.8V, 2200mAH Li-ion rechargeable battery

Operating time:1-2 hours working time under full power

Charging time:2 hours

7. IBP(Optional)

Label: ART, PA, CVP, RAP, LAP, ICP, P1, P2

Measuring and alarm range

ART: 0 ~ 300 mmHg, PA:-6 ~ 120 mmHg

CVP/RAP/LAP/ICP: -10 ~ 40 mmHg,

P1/P2:-10 ~ 300 mmHg

Press Sensor Sensitivity:5 uV/V/mmHg,

Impedance:300-3000Ω

Resolution:1 mmHg

Accuracy:±2% or ±1mmHg, which great

Actualization interval: about 1 Sec.

8. CO2(Optional)

Measuring and alarm range:0% ~ 13%

Resolution:1 mmHg

Accuracy:2 mmHg @ < 5.0% CO₂ (at ATPS)

RR:3~ 150 bpm

Standard accessories

main unit	1
5lead ECG cable	1
NIBP cuff for adult with extend tube	1
SpO2 adult finger probe	1
Surface TEMP probe	1
Power Wire	1
User manual in English	1

