

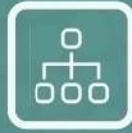
ZD 120S



Fanless



Ample Storage



CMS connection



Fast launch



Light weight



Li-polymer



The most durable Patient Monitor

- **13.3-Inch High-Resolution Display**

Crisp 1366×768 TFT screen for clear visualization of vital signs and waveforms.

- **Advanced Safety Features**

Pacemaker detection for cardiac patients. Anti-electrosurgery interference (up to 5000V protection) for surgical settings.

- **Comprehensive Data Tracking**

Large storage capacity with 480-hour trend review for in-depth patient analysis.

- **Seamless System Integration**

Supports wired/wireless CMS connectivity and HL7 protocol for hospital-wide data interoperability.

- **Smart Clinical Tools**

Algorithm for drug dosing, early warning scores (EWS), and hemodynamic parameters to streamline workflows.

- **Long-Lasting & Safe Power**

High-capacity Li-polymer battery ensures extended operation with enhanced safety.

- **Lightweight & Portable**

Compact design weighing just 2.55kg for effortless mobility across care settings.



Technical Specifications

Regulatory standard		RESP	
IIEC60601-approved ingress Protection	IP31	Method	Thoracic impedance
Physical specifications		RR range	Adult:0-120rpm,Ped/Neo: 0-150rpm
Dimension	320 X 270 X 145mm (L*W*D)	RFSP lead	Selectable, 5 lead: RA-LA, RA-LL, LA-RL, LL-RL: 3 lead: RA-LA, RA-LL
Weight	2550g (standard parameters, including battery)	Accuracy	±2rpm or ±2%, whichever is greater
Operation Environment		Sweep speed	6.25mm/s,12.5 mm/s,25.0mm/s
Ambient temperature	Operating: 0°C - 40°C, Storage: -20°C - +55°C	Apnea alarm delay	20s,25s,30s,35s,40s,45s,50s,55s,60s
Relative Humidity	Operating: 15% - 80% (noncondensing), Storage: 10% - 93% (noncondensing)	Zondan SpO2	
Power requirements	AC 100V-240V, 50 Hz/60 Hz	Range	0 to 100%
Display		Resolution	1bpm or 1%
Type	13.3 inch Color TFT LCD Display	Accuracy	±2%(70-100%, Adu/Ped, non-motion), others unspecified
Touch controlling	Yes	Alarm range	0 to 100%
Resolution	1366*768	Perfusion Index	Yes
Number of traces	Maximum 9 traces	Low Perfusion Index	Yes
Standby	Yes	Pulse Rate	
Large Font Display	Yes	Range	30bpm-250bpm
Display 7-lead ECG waveform on one screen	Yes	Accuracy	±2% or ±2 bpm, whichever is greater
Customized display mode	Number/Waveform color change, Interface layout change	Resolution	1bpm
Battery		Alarm range	15bpm-300bpm
Number of battery	Standard 1pc	Sweep speed	2.5, 25.0mm/s
Battery type	Exchangeable Li-ion battery 7.4 V/3400mAh	Refresh rate	Approximately 1 second
Run Time	≥4 hours	NIBP	
Connectors		Method	Oscillometric method
Wi-Fi Communication	Yes, Optional	Operation Mode	Manual,Auto, Continuous
USB	1 USB(2.0 connector)	Parameters	Manual,Auto, Continuous
LAN	RJ45(Standard)	Systolic Range	Systolic, Diastolic, Mean
VGA	Optional	Diastolic Range	Adu:25-290mmHg, Ped:25-240mmHg, Neo: 25-140mmHg
HL7	Optional	Mean Range	Adu:10-250mmHg,Ped:10-205mmHg, Neo:10-115mmHg
Alarm		Accuracy	Adu:15-260mmHg,Ped:15-216mmHg, Neo: 15-125mmHg
Categories	3 levels high, medium, low	Over-pressure protection	Max Mean error: ±5mmHg
Alarm Lamp	Yes	Measuring Interval in AUTO Mode (unit: minutes)	Double Safety protection
Alarm Volume	Adjustable		1, 2, 3, 4, 5, 10, 15, 30, 60, 90, 120, 180, 240, 480
Storage		Temperature	
Trend table	20 days	Parameters	T1, T2 and TD
Alarm events	2000 Groups	Sensor Type	Skin or Rectal/Oral
NIBP measurements	1000 Groups	Range	0 to 50°C (32 to 122 F)
Calculation		Resolution	0.1°C
Drug concentration and titration table	Yes	Accuracy	±0.2°C
Drug dose calculation	Yes	Updating time	Approximately 1 second
Hemodynamic calculation	Yes		
National Early Warning Score	Yes		
ECG			
3 lead	I, II, III,		
5 lead	I, II, III, aVR, aVL, aVF/V		
Gain	0.25,0.5,1,2,4V/mV, Auto		
Sweep speed	12.5mm/s,25.0mm/s,50.0mm/s		
HR range	Neo/Ped: 15 to 350bpm, Adu: 15 to 300bpm		
Resolution	1bpm		
Accuracy	±1bpm or ±1%, whichever is greater		
Bandwidth (Hz)	Monitor: 0.5 Hz to 40 Hz Surgery: 1 Hz to 20 Hz Diagnosis:0.05 Hz to 150 Hz		
CMRR	>90dB		
Signal Range	±5mV(VP-P)		
ST segment analysis	Yes, range: -2.0 to 2.0mV		
Accuracy	±0.02 mV or ±10%, whichever is greater. Beyond this range: not specified.		
Arrhythmia analysis	Yes, 13 types		
Pace detection	Yes		
Anti-defi./ Anti-HF knife	Withstand 5000V(360J), need extra anti-defi or anti-HF knife ECG cable		

AUTHORISED SALES AND SERVICE

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