

**ECG**

HR measure range	Adult 15 ~ 300 bpm Neonatal/Pediatric 15 ~ 350 bpm
Accuracy	± 1%
Resolution	1 bpm
Sensitivity	Sensitivity
Bandwidth	Surgery 1 ~ 20 Hz Monitor 0.5 ~ 40 Hz Diagnostic 0.05 ~ 130 Hz
Baseline Recovery	< 3 s After defibrillation
Calibration Signal	1 mV p-p, ± 5% accuracy
Signal Range	± 8 mV p-p
CMRR	Diagnostic Mode >90 dB Monitor Mode >110 dB Surgery Mode >110 dB

**RESP**

Method	Impedance between RA-LL
RESP Impedance Range	0.3-3Ω
Bandwidth	0.3 ~ 2.5 Hz
Gain	× 0.25, × 0.50, × 1, × 2, × 4
Measurement Range	Adult 0 ~ 120 BrPM Neonatal / Pediatric 0 ~ 150 BrPM
	Resolution 1 BrPM
	Accuracy 0 ~ 6 BrPM
Apnea Alarm	10 ~ 40 s

**TEMP**

Sensor Type	10K series, 2.25K series
Channel	ML1200, ML1500 are two, others are one
Measure and Alarm Range	0 ~ 50 °C
Resolution	0.1 °C
Accuracy(no sensor)	± 0.1 °C (0°C ~ 50°C)

**NIBP**

Method	Oscillometry
Measure mode	Manual, Auto, STAT
Pulse Rate Range	40 ~ 240 bpm
Measure and Alarm Range	
Adult Mode	
SYS	40 ~ 280 mmHg
DIA	10 ~ 220 mmHg
MEAN	20 ~ 240 mmHg
Pediatric Mode	
SYS	40 ~ 230 mmHg
DIA	10 ~ 160 mmHg
MEAN	20 ~ 170 mmHg
Resolution	1mmHg
Accuracy	
Maximum Mean error	± 5mmHg
Maximum Standard deviation	8mmHg

**SPO2**

Measurement Range	0 ~ 100 %
Resolution	1 %
Accuracy	70% - 100% ± 2 % <69% unspecified
Pulse Rate	
Measure and Alarm Range	20-250bpm
Resolution	1bpm
Accuracy	± 3bpm

**ENVIRONMENT**

Temperature	
Working	5 ~ 40 °C
Storage	-20 ~ 50 °C
Humidity	
Working	15 % ~ 80 %
Storage	10 % ~ 90 % (no coagulation)
Atmospheric pressure	
Working	86.0 kPa ~ 106.0kPa;
Storage	86.0 kPa ~ 106.0kPa

Product specifications are subject to change without notice



**ML1100**  
Patient Monitor



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Patient Monitor



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# ML 1100 Patient Monitor



## ML 1100 Patient Monitor

### Main Features

- 5 standards parameters: ECG RESP TEMP NIBP SPO2
- 10.1 inch high resolution color TFT display
- Resolution 1024\*600
- Attractive and fashion user-friendly design
- Optional full touch screen for easy operation
- 7 ECG waveforms display at the same time;
- Real-time ST analysis, pacemaker detection, arrhythmia analysis;
- Optional full touch screen for easy operation;
- 720 hours trend review, 1000 NIBP data storage, 200 alarm events storage,
- up to 12 hours waveform review;
- Sound, light, human voice alarm;
- Rechargeable lithium battery for up to 3 hours continuous work

### Optional functions:

- Touch screen
- Built-in recorder
- 2 channels IBP
- Mainstream/Sidestream EtCO2 module
- Wireless network connection
- Multi-Gas Module
- CMS/cerebral state monitor module



## Display Interfaces



Full leads ECG



Big Font



NIBP trend



Standard