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## Vital Sign Monitor



- Touch Screen
- 7" Color TFT LCD
- Data Input: Barcode Reader, IC Card Reader
- Data Output: Thermal Printer (Optional), Ethernet, GSM (Optional), Bluetooth

### 5 Parameters:

- Blood Pressure
- Blood Glucose
- SpO2 Monitor
- ECG Monitor
- Ear Temperature

REF	SPECIFICATION
2300 A	Bluetooth, NIBP, SpO2, Temperature, Blood Glucose
2300 B	Bluetooth, ECG, NIBP, SpO2, Temperature, Blood Glucose
2300 G	GSM/GPRS, ECG, NIBP, SpO2, Temperature, Blood Glucose
2300 W	WiFi, ECG, NIBP, Blood Glucose, Temperature, SpO2



## Technical Specifications

Model No.	TD-2300
<b>Blood Pressure</b>	
Cuff Pressure Range	0 mmHg to 300 mmHg
Measurement Method	Cleaver inflation & deflation measurement
Measuring Range	25 to 275mmHg (Adult & Pediatric); 15 to 125mmHg (Neonate)
Resolution	1mmHg
Static Pressure Accuracy	±3mmHg over full range
Automatic	Cycles 5 min, 10 min, 15 min 30 min, 1 hr, 1.5 hr ,2 hr
Heart Rate Range	30 - 240 beats/min
Heart Rate Accuracy	± 2% or ± 1 beat/min when HR < 70 beats/min
<b>Pulse Oximetry</b>	
Measuring Range	1% to 100%
Resolution	1%
Accuracy	70% to 100% Adult / pediatric ±2%, Neonate ±3%
Heart Rate range	30 - 250 beats/min
Heart Rate Accuracy	±1% or ±1 beat/min when HR < 100 beats/min
Measuring Principles	Dual wavelength LED
Audio	Tone with each detected pulse; pitch varies with saturation
<b>ECG</b>	
Vertical Scales	5, 10 mm/mV
Sweep Speed	25 or 50 mm/sec (Selectable for Print out only)
DC Offset Correction	± 300mV
Signal Sampling Resolution	300 samples/sec (with 12-bit ADC)
Heart Rate range	30 - 250 beats/min

Heart Rate Accuracy	$\pm 1\%$ or $\pm 1$ beat/min when HR < 100 beats/min
<b>Blood Glucose</b>	
Measurement Range	10 - 600 mg/dL
Interface	IrDA communicate with main unit
Power Source	Individual battery("AAA" type) x 2
HCT Compensation	0-70%
Sample Size	1.1 $\mu$ L
Reaction Time	5 Secs
Enzyme	GDH-FAD
<b>Temperature</b>	
Measurement Type	Ear Thermometer
Interface	IrDA communicate with main unit
Measurement Range	32° C ~ 43° C
Accuracy & Reliability	$\pm 0.2^{\circ}$ C
<b>Mechanical</b>	
Dimension	309H x190 W x 190 D(mm)
Weight	2.5 Kg ,including accessory and battery
Mounting Option	Rolling Stand and Wall Mount



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