Technical Specifications

Input dynamic range:	±(0.5mVp~5mVp)
Differential input impedance:	≥10MΩ
Bandwidth:	0.05~150Hz (Diagnostic) 0.5~40Hz (Monitoring) 1~20Hz (Operation)
CMRR:	≥90dB (Diagnostic) ≥105dB (Monitoring & Operation)
Sensitivity selection:	×1/4, ×1/2, ×1, ×2, ×4 and Auto
Sweeping speed:	6.25mm/s, 12.5mm/s, 25mm/s, 50mm/s
HR measuring range:	15~350bpm
HR accuracy:	±1% or ±2bpm, whichever is greate

	RESP	
	Measuring range:	0~120rpm
	Measuring accuracy:	±5% or ±2 rpm, whichever is greater

TEMP

Measuring range:	21.0~50.0 [°] C
Measuring accuracy:	±0.2 ℃ from 25~45 ℃
NIBP	
Technique:	Oscillometric method
Typical measurement time:	<30 seconds (adult cuff)
	SYS: 40~275mmHg (Adult)
NIBP measuring range:	40~200mmHg (Pediatric)
	40~135mmHg (Neonate)
	DIA: 10~210mmHg (Adult)
NIBP measuring range:	10~150mmHg (Pediatric)

NIBP measuring range:	DIA: 10~210mmHg (Adult) 10~150mmHg (Pediatric) 10~95mmHg (Neonate)
NIBP measuring range:	MAP: 20~230mmHg (Adult) 20~165mmHg (Pediatric) 20~110mmHg (Neonate)
NIBP measuring accuracy:	Mean difference: ±5mmHg Standard deviation: 8mmHg
NIBP measurement mode:	Manual, Auto, STAT, Multi-cycle mode
Auto measuring intervals:	I-480min

SpO2	
Technique:	Dual-wavelength optical method
Measuring range:	0%~100%
Measuring accuracy:	Arms is not greater than 2% for SpO2 range 70~100%.
PR measuring range:	30~250bpm
PR measuring accuracy:	±2bpm or ±2%, whichever is greater
Low perfusion performance:	As low as 0.3%.

CO2 Technique: Infrared optical method Sampling mode: Sidestream or Mainstream 0~150mmHg Measuring range: 0~40mmHg ±2mmHg 41~70mmHg ±5% of reading 71~100mmHg ±8% of reading Measuring accuracy: 101~150mmHg ±10% of reading Flow rate: 50ml/min ±10 ml/min (Sidestream)

Cerebral State Monitoring (CSM)	
EEG sensitivity:	±400µV
Noise level:	<2µVp-p, <0.4µV rms (1~250Hz)
CMRR:	>140dB
Input impedance:	>50Mohm
CSI and update:	0-100. filter: 6-42Hz, 1 sec. update
EMG%:	0-100 (logarithmic) filter: 75-85 Hz, 1 sec. update.
BS%:	0-100. filter: 2-42 Hz, 1 sec. update

Technique:	Strain gauge transducer
Input sensitivity:	5µV/V/mmHg
Measuring range:	-50~300mmHg
Measuring accuracy:	±2% or ±4mmHg, whichever is greater
Measuring positions:	ART, RAP, PA, LAP, CVP
	ICP, AUXPI, AUXP2
Calibration:	zero calibrating
	ICP, AUXPI, AUXP2

Cardiac Output (C.O.)

Blood temperature measuring: range:	23-43 °C, accuracy: ±0.5 °C
Injecta temperature measuring: range:	0-20 [°] C, accuracy: ±0.5 [°] C
Measuring range:	0.2~20 L/min
Measuring accuracy:	± 0.2 L/min or $\pm 10\%$, whichever is greater

Other Specification

<u> </u>		
	Power supply:	AC 100V-240V, 50/60Hz, 60VA
	Built-in lithium battery:	11.1V/4400mAh
	Display:	15 inch TFT display
	Alarming method:	3 levels audible-visible alarm
	Networking:	Ethernet

Standard configuration

ECG, Respiration, SpO2, PR, NIBP, Temperature

Options

2-IBP, EtCO2, Nellcor SpO2, SunTech NIBP, 12-lead ECG, Cardiac Output Cerebral State Monitoring, Central Monitor Station, Touch Screen



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KI5 Patient Monitor

ME CREATIVE MEDICAL





KI5 Patient Monitor



15" display with LED backlight 9-waveform on screen



Features



15" high resolution display Touch screen optional

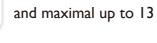


User customized NIBP measuring cycles up to 5-phase



Versatile clinical calculations for application convenience





9 traces on-screen waveforms

Data export and software upgrade



HL7 protocol, Bed to bed view and 12-lead ECG available







NIBP cuff







ECG cable



Temperature probe

Comprehensive calculations for clinical application

- Hemodynamics calculation \star
- Respiration calculation \star
- Oxygenation calculation ×
- * Drug concentration calculation
- Renal function calculation \star





Bed to bed view via central monitor station







HL7 protocol to connect hospital system