Technical Specifications

ECG

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
Pacemaker pulse detection and rejection function	

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 C from 25~45 C

NIBP

Technique:	Oscillometric method
Typical measurement time:	<30 seconds (adult cuff)
NIBP measuring range:	SYS: 40~275mmHg (Adult) 40~200mmHg (Pediatric) 40~135mmHg (Neonate)
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:	1-480min

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
Measuring range:	0~150mmHg
Measuring accuracy:	0~40mmHg ±2mmHg 41~70mmHg ±5% of reading 71~100mmHg ±8% of reading 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

IBP

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, AUXP1, AUXP2
Calibration:	zero calibrating

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 ±10%, whichever is greater

Other Specifications

Power supply:	AC 100V-240V, 50/60Hz, 60VA
Built-in lithium battery:	11.1V/4400mAh
Display:	12.1 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

Heidelco MEDICORE

ISO 13485 CE

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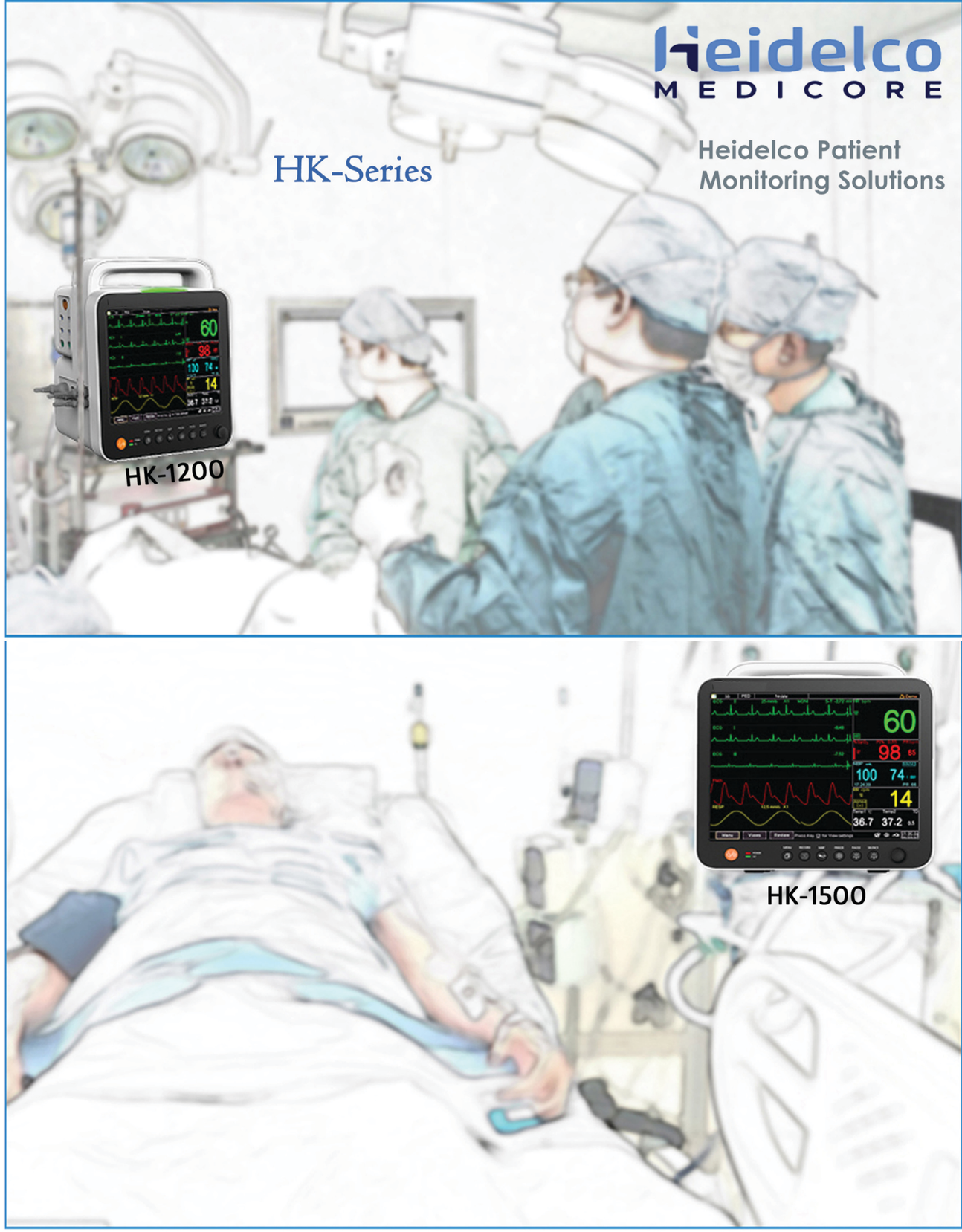

Solutions that support patients and assist clinicians

Features

- 12.1" high resolution display
  Touch screen optional
- 9 traces on-screen waveforms
  and maximal up to 13
- User customized NIBP measuring
  cycles up to 5-phase
- Data export and software upgrade
- Versatile clinical calculations for
  application convenience
- HL7 protocol, Bed to bed view
  and 12-lead ECG available


SpO2 sensor


NIBP cuff


ECG cable


Temperature probe

Accessory box for standard configurations

Parameter case with optional parameters

FEATURES

- Up to 64 -bed monitoring with single and dual display
- LAN and wireless connection are available
- Large storage capacity for waveform and numeric records
- Various visual alarms of highlight, flashing, text with audio
- Key bed monitoring for convenient observation and view
- Review of numeric, graphic and trend records

PC Configurations

Component	Configuration
Mainboard	Intel chips with PCI slot
CPU	Intel I3 3.0G dual cores
RAM	4G or above
Hard disk	160G or above with 20G vacant space
Display	17"or above, resolution 1280*1024
Graphic card	Dual output independenVGA card
CD-ROM	Available

Optional: 2–IBP $EtCO_2$ CMS C/O

12.1" inch high resolution color TFT with
touch screen

8–waveform simultaneous display
with maximum 13–waveform

NIBP customized multi–cycle with 5 phases

Applicable for the monitoring of generanl ward, Operating room, ICU, etc.