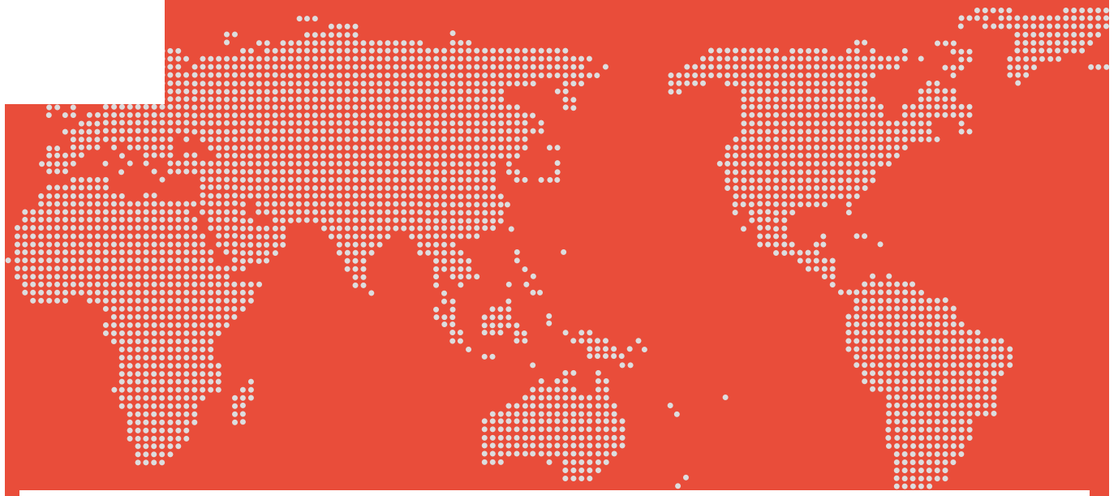

MediQuest venture
GENEVA-SWITZERLAND

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MediQuest
GENEVA-SWITZERLAND

TABLE OF CONTENTS

ANESTHESIA MACHINE

ING-850

(STANDARD MODEL)

ING-850

(ADVANCED MODEL)

OPTIONAL: PATIENT MONITOR

COMMON FEATURES

- Operating Modes: Pneumatically driven & electronically controlled, closed, semi-closed and semi-open
- Anesthesia Ventilator: Built-in 8.4 inch color TFT display, able to display Pressure-Time, Pressure-Volume, Flow-Volume and Flow-Time, displayed waveforms can be cycled instantly with a touch of a button
- Standard integrated metallic modular respiratory circuit; completely solves the problem of gas sealing under high temperature disinfection, easy to clean and disinfect
- Power Failure Support Functions: Automatically converts to backup power mode during AC power outages
- Equipped with electronic pressure differential flow sensor, imported respiratory control valve, stable and reliable, rapid response time
- High precision five tube flowmeter, fitted with interlocking oxygen-nitrous oxide supply, guarantees oxygen output is never lower than 21%
- Nonhazardous environmentally friendly frame, precise construction, elegant design, equipped with automated self-checking function during start-up and an automatic self-calibrating sensor
- Alarms: Audible and/or visual alarms for tidal volume, airway pressure, oxygen concentration, asphyxia, power failure, oxygen failure and other alarms, also features a alarm query function
- Vaporizer: Imported tank components assembled locally; Enflurane, Isoflurane and Sevoflurane (Halothane optional). Also possesses self-compensating functionality
- Advanced and stable Adjustable Pressure Limiting (APL) valve, suitable for low and ultra low flow anesthesia
- Equipped with advanced international rotating Na-lime tank, easy-operate, requires only one hand, and uses imported PPSU material and temperature resistant to 134°C
- Multi-parameter Patient Monitor: Optional

SPECIFICATIONS

Model	ING-850 (Standard Model)	ING-850 (Advanced Model)
Display	8.4 inch TFT display	10.4 inch TFT display
Flowmeter Range	O_2: 0.1-10L/min; N_2O: 0.1-10L/min; Air: 0.1-10L/min	
Ventilation Mode	IPPV, SIPPV, VCV, IMV, SIMV, MANUAL, Standby	IPPV, SIPPV, VCV, PCV, IMV, SIMV, MANUAL, Standby
Back-up Power Supply	At least 4 hours	
Tidal Volume	Adjustable range: 20-1500ml Display range: 0-2000ml	
Respiratory Rate	1-100bpm	
Inspiratory/Expiratory (I:E) Ratio	8:1-1:10 (capable of inverse ratio ventilation)	
PEEP Range	0-20cmH_2O (electronically controlled)	
Inspiratory Pressure Trigger Range	-10-10cmH2O (electronically controlled)	
SIGH	1 sigh breath in every 80-120 breaths	
Inhaled Oxygen Concentration Monitor	21-100%	
SIMV Rate	1-20bpm	
Inspiratory Plateau	0-1 second	
Vaporizer Concentration Ranges	0-5%	
Vaporizer Slots	Double PA-I type slots	

ING-01B

(ECONOMIC MODEL)

ING-01B

(STANDARD MODEL)

ING-01B

(ADVANCED MODEL)

COMMON FEATURES

- Operating Modes: Pneumatically driven & electronically controlled, closed, semi-closed and semi-open
- Anesthesia Ventilator: Built-in 5.4 inch TFT display, able to display Pressure-Time and Flow-Time, displayed waveforms can be cycled instantly with a touch of a button
- Standard integrated metallic modular respiratory circuit; completely solves the problem of gas sealing under high temperature disinfection, easy to clean and disinfect
- Nonhazardous environmentally friendly frame, precise construction, elegant design, equipped with automated self-checking function during startup and an automatic self-calibrating sensor
- High precision four tube flowmeter, fitted with interlocking oxygen-nitrous oxide supply, guarantees oxygen output is never lower than 21%
- Oxygen failure alarm is supported by the anesthetic gas delivery system; when the oxygen supply within the circuit or cylinder falls below 0.20 MPa, a alarm will sound and the nitrous oxide will be cutoff
- Power Failure Support Functions: Automatically converts to backup power mode during AC power outages
- Alarms: Audible and/or visual alarms for tidal volume, airway pressure, power failure, oxygen failure and other alarms, also features a alarm query function
- Equipped with infrared turbine flow sensor; precisely measures gas flows, stable and reliable
- Vaporizer: Imported tank components assembled locally; Enflurane, Isoflurane and Sevoflurane (Halothane optional). Also possesses self-compensating functionality
- Equipped with advanced international rotating Na-lime tank, easy-operate, requires only one hand, and uses imported PPSU material and temperature resistant to 134°C
- Multi-parameter Patient Monitor: Optional

ADVANCED MODEL EXCLUSIVE FEATURES

- Vaporizer with dual tank design, effective for extending surgical lengths and features interlocking tank capability

SPECIFICATIONS

Model	ING-01B (Economic Model)	ING-01B (Standard Model)	ING-01B (Aavanced Model)
Display	5.4 inch TFT display		
Flowmeter Range	O_2: 0.1-10L/min; N_2O: 0.1-10L/min		
Ventilation Mode	IPPV, SIPPV, IMV, SIMV, MANUAL		
Back-up Power Supply	At least 4 hours		
Tidal Volume	Adjustable range: 50-1500ml Display range: 0-2000ml		
Respiratory Rate	1-99bpm		
Oxygen Supply Flow Rate	25~75L/min		
Inspiratory/Expiratory (I:E) Ratio	4:1-1:10 (capable of inverse ratio ventilation)		
Inspiratory Pressure Trigger	-10-10cmH_2O (electronically controlled)		
SIGH	1 sigh breath in every 80-160 breaths		
Vaporizer Concentration Range	0-5%		
Vaporizer Slots	Single PA-80 type slot	Single PA-I type slot	Double PA-I type slots
Gas Supply Pressure	O_2: 0.32MPa~0.6MPa; N_2O: 0.32MPa~0.6MPa		

.ING-820

(STANDARD MODEL)

FEATURES

- Operating Modes: Pneumatically driven & electronically controlled, closed, semi-closed and semi-open
- Anesthesia Ventilator: Built-in 5.7 inch TFT display, able to display Pressure-Time and Flow-Time, displayed waveforms can be cycled instantly with a touch of a button
- Standard integrated metallic modular respiratory circuit; completely solves the problem of gas sealing under high temperature disinfection, easy to clean and disinfect
- Equipped with electronic pressure differential flow sensor, imported respiratory control valve
- Vaporizer: Imported tank components assembled locally; Enflurane, Isoflurane and Sevoflurane (Halothane optional). Also possesses self-compensating functionality
- Multi-parameter Patient Monitor: Optional
- High precision four tube flowmeter, fitted with interlocking oxygen-nitrous oxide supply, guarantees oxygen output is never lower than 21%
- Nonhazardous environmentally friendly frame, with automated self-checking function during startup and an automatic self-calibrating sensor
- Power Failure Support Functions: Automatically converts to backup power mode during AC power outages
- Alarms: Audible and/or visual alarms for tidal volume, airway pressure, asphyxia, power failure, oxygen failure and other alarms, also features a alarm query function
- Equipped with advanced international rotating Na-lime tank, uses imported PPSU material and temperature resistant to 134°C

SPECIFICATIONS

Model	····· ING-820
Display	5.7 inch TFT display
Flowmeter Range	O_2: 0.1-10L/min; N_2O: 0.1-10L/min
Ventilation Mode	IPPV, SIPPV, VCV, IMV, SIMV, MANUAL
Back-up Power Supply	At least 4 hours
Tidal Volume	Adjustable range: 50-1500ml Display range: 0-2000ml
Respiratory Rate	1-100bpm
Inspiratory/Expiratory (I:E) Ratio	8:1-1:10 (capable of inverse ratio ventilation)
PEEP Range	0-20cmH_2O (electronically controlled)
Inspiratory Pressure Trigger Range	-10-10cmH_2O (electronically controlled)
SIGH	1 sigh breath in every 80-120 breaths
SIMV Rate	1-20bpm
Inspiratory Plateau	0-1 second
Vaporizer Concentration Ranges	0-5%
Vaporizer Slots	Single PA-I type slot

FEATURES

- Operating Modes: closed, semi-closed and semi-open
- Standard integrated metallic modular respiratory circuit; completely solves the problem of gas sealing under high temperature disinfection, easy to clean and disinfect
- High precision two tube flowmeter, fitted with interlocking oxygen-nitrous oxide supply, guarantees oxygen output is never lower than 21%
- Flowmeter Range: O_2: 0.1-10L/min, N_2O: 0.1-10L/min
- Respiration Modes: Manual
- Alarms: Audible alarm for oxygen failure
- Vaporizer: Imported tank components assembled locally; Enflurane, Isoflurane and Sevoflurane (Halothane optional). Also possesses self-compensating functionality
- Vaporizer Concentration Ranges: 0-5%
- Equipped with advanced international rotating Na-lime tank, easy-operate, requires only one hand, and uses imported PPSU material and temperature resistant to 134°C

ING-2B

ANESTHESIA MACHINE

ING-01

(STANDARD MODEL)

ING-01

(ADVANCED MODEL)

COMMON FEATURES

- Operating modes: Pneumatically driven & electronically controlled, closed, semi-closed and semi-open
- Anesthesia Ventilator: Built-in high visibility, wide angle LED alphanumeric data display
- Standard integrated metallic modular respiratory circuit; completely solves the problem of gas sealing under high temperature disinfection, easy to clean and disinfect
- High precision two tube flowmeter, fitted with interlocking oxygen-nitrous oxide supply, guarantees oxygen output is never lower than 21%
- Power Failure Support Functions: Automatically converts to backup power mode during AC power outages
- Fully metallic frame, precise construction, elegant design, equipped with automated self-checking function during startup and an automatic self-calibrating sensor
- Alarms: Audible and/or visual alarms for tidal volume, airway pressure, power failure, oxygen failure and other alarms
- Equipped with infrared turbine flow sensor; precisely measures gas flows, stable and reliable
- Vaporizer: Imported tank components assembled locally; Enflurane, Isoflurane and Sevoflurane (Halothane optional). Also possesses self-compensating functionality
- Equipped with advanced international rotating Na-lime tank, easy-operate, requires only one hand, and uses imported PPSU material and temperature resistant to 134°C
- Multi-parameter Patient Monitor: Optional

ADVANCED MODEL EXCLUSIVE FEATURES

- Vaporizer with dual tank design, effective for extending surgical lengths and features interlocking tank capability

SPECIFICATIONS

Model	····· ING-01 (Standard Model)	.ING-01 (Advanced Model)
Display	LED	
Flowmeter Range	O_2: 0.1-10L/min; N_2O: 0.1-10L/min	
Ventilation Mode	IPPV, SIPPV, MANUAL	
Back-up Power Supply	At least 4 hours	
Tidal Volume	Adjustable range: 20-1500ml; Display range: 0-2000ml	
Respiratory Rate	4-40bpm	
Inspiratory/Expiratory (I:E) Ratio	1:1.5-1:3.0	
Inspiratory Pressure Trigger Range	-10-10cmH_2O	
Vaporizer Concentration Ranges	0-5%	
Vaporizer Slots	Single PA-80 type slot	Double PA-80 type slots

PORTABLE ANESTHESIA MACHINE

FEATURES

- Operating Mode: closed, semi-closed, semi-open
- Tidal Volume (manual mode): 20ml-1500ml
- Working Pressure: 0.3~0.4 MPa
- Flowmeter: O_2: 0.1~10L/min; N_2O: 0.1~10L/min
- APL Valve: 0.5~0.6kPa
- O_2 Flush: 30~60L/min

.ING-1B

ANESTHESIA MACHINE

ING-840

ANESTHESIA WORKSTATION

ANESTHESIA WORKSTATION

FEATURES

- Electrical-driven and electronically controlled by microcomputer
  Flow Rate: O_2: 0.05~1L/min; 1~10L/min
  N_2O: 0.05~1L/min; 1~10L/min
  Air: 0.2~1L/min; 1~12L/min (ORC O2≥25%)
- O_2 Flush: 35~75L/min
- Insufficient Oxygen Alarm & Automatic N_2O Calibration Function:
- When O_2 level is ≤ 0.2 MPa, audible alarm
- When O_2 level is ≤ 0.14 MPa, N_2O flow decreases correspondingly
- When O_2 level is ≤ 0.04 MPa, N_2O flow is cut off completely
- Integrated breathing circuit system, APL adjustment range: 0.5~7kPa
- CO_2 Absorber Capacity: 1.6L
- Vaporizer Air Temperature: 15~35°C
- Input Flow: 0.25~15L/min
- Output Back Pressure: -10kPa~20kPa
- Output Concentration: 0.2%~5% (±0.2%) (Vol%)
- Ventilation Frequency: 6~40bpm
- Tidal Volume: adult: 100~1100ml Infant: 30~150ml
- I:E: Ratio 1:1~1:9.9 (adjustable)

VAPORIZERS

PA 80 VAPORIZER

PA 200 VAPORIZER

PA 100 VAPORIZER

PA I VAPORIZER

PA-900B

(STANDARD MODEL)

VENTILATOR

COMMON FEATURES

- Operating Modes: Pneumatically driven & electronically controlled, closed, semi-closed and semi-open
- Pneumatically driven electrically controlled ventilator, can be used for emergency clinical resuscitation and respiratory therapy
- Display: Built-in 10.4 inch color TFT fully adjustable display, able to display Pressure-Time, Pressure-Volume, Flow-Time, Flow-Volume or any two waveforms simultaneously on screen
- Trigger Types: Pressure trigger, Flow trigger
- Sigh: Ability to insert 1-8 sigh breaths in every 100 breaths, ventilation should be no less than 1.5 the tidal volume
- Features built-in dual electronic flow sensors and dual respiratory modules
- Power Failure Support Functions: Automatically converts-standby mode during AC power outages
- Monitor Parameters: tidal volume, respiration rate, airway pressure, I:E ratio, inspiratory & expiratory status, inspiratory trigger and others
- Equipped with infrared turbine flow sensor; precisely measures gas flows, stable and reliable
- 9 Level adjustable humidifier
- Nonhazardous environmentally friendly frame, precise construction, elegant design, equipped with automated self-checking function during startup and an automatic self-calibrating sensor
- Alarms: Audible and/or visual alarms for ventilation volume, tidal volume, oxygen concentration, asphyxia, airway pressure, intubation disconnection, low oxygen, power failure and other alarms, also features a alarm history query function

ADVANCED MODEL EXCLUSIVE FEATURES

- Equipped with professional medical grade air compressor tailored for long clinical times and low noise requirements

AIR COMPRESSOR

- Air Compressor: 220V AC±10%, 50±1Hz, 700VA, also features good protective grounding against electrical activity
- Output Gas Pressure: 0.4MPa±20%
- Continuous output gas flow greater than or equal to 20L/min
- Instantaneous output gas flow great than or equal to 60L/min

PA-900B

(ADVANCED MODEL)

SPECIFICATIONS

Model	PA-900B (Standard Model)	PA-900B (Advanced Model)
Display	10.4 inch high visibility color TFT display	
Ventilation Mode	IPPV, SIPPV, VCV, PCV, IMV, SIMV, MANUAL, Standby	A/C, SIPPV, IPPV, SIMV, PSIMV, PSV, CPAP, PCV, VCV, SPONT, MANUAL
Minute Volume	Greater than or equal to 18L	
Back-up Power Supply	At least 4 hours	
Tidal Volume	Adjustable range: 20-1500ml, Display range: 0-2000ml	
Respiratory Rate	1-99bpm	
Inspiratory/expiratory (I:E) Ratio	4:1-1:4	
PEEP	0-10cmH_2O	
SIMV Rate	1-20bpm	
Inspiratory Pressure Trigger	-10-10cmH_2O	
Trigger Sensitivity (flow)	1-10L/m	
Inspiratory Plateau	Adjustable from 0-50% of inspiratory time	
Adjustable Oxygen Concentration	45-100%	21-100%
Gas Supply Requirement	280~600 kPa medical grade oxygen and compressed air	
Pressure Limit	1.0kPa~6.0kPa	
Maximum Safe Operating Pressure	≤6.0kPa	
Tidal Volume Alarm	Upper Limit: 10~2000ml, Lower Limit: 0~1800ml	
Airway Pressure Alarm	Upper Limit: 0.1~6kPa, Lower Limit: 0~5kPa	
Oxygen Concentration Alarm	Upper Limit: 22~100%, Lower Limit: 21~80%	

PA-700B

(STANDARD MODEL)

PA-700B

(ADVANCED MODEL)

COMMON FEATURES

- Operating Modes: Pneumatically driven & electronically controlled, closed, semi-closed and semi-open
- Pneumatically driven electrically controlled ventilator, can be used for emergency clinical resuscitation and respiratory therapy
- Nonhazardous environmentally friendly frame, precise construction, elegant design, equipped with automated self-checking function during startup and an automatic self-calibrating sensor
- Display: Built-in 10.4 inch high visibility color TFT display, able to simultaneously display Pressure-Time and Flow-Time waveforms in real time
- Sigh: Ability to insert 1-8 sigh breaths in every 100 breaths, ventilation should be no less than 1.5 the tidal volume
- Equipped with infrared turbine flow sensor; precisely measures gas flows, stable and reliable
- Power Failure Support Functions: Automatically converts-standby mode during AC power outages
- 9 Level adjustable humidifier
- Monitor Parameters: tidal volume, respiration rate, airway pressure, I:E ratio, inspiratory & expiratory status, inspiratory trigger and others
- Alarms: Audible and/or visual alarms for ventilation volume, tidal volume, oxygen concentration, asphyxia, airway pressure, intubation disconnection, low oxygen, power failure and other alarms, also features a alarm history query function

ADVANCED MODEL EXCLUSIVE FEATURES

- Equipped with professional medical grade air compressor tailored for long clinical times and low noise requirements

AIR COMPRESSOR

- Air Compressor: 220V AC±10%, 50±1Hz, 700VA, also features good protective grounding against electrical activity
- Output Gas Pressure: 0.4MPa±20%
- Continuous output gas flow greater than or equal to 20L/min
- Instantaneous output gas flow great than or equal to 60L/min

SPECIFICATIONS

Model	PA-700B (Standard Model)	PA-700B (Advanced Model)
Display	10.4 inch high visibility color TFT display	
Ventilation Mode	A/C, IPPV, SIPPV, IMV, SIMV, Standby, SPONT, MANUAL	
Minute Volume	Greater than or equal to 18L	
Back-up Power Supply	At least 4 hours	
Tidal Volume	Adjustable range: 50-1500ml, Display range: 0-2000ml	
Respiratory Rate	1-99bpm	
Inspiratory/expiratory (I:E) Ratio	4:1-1:4	
PEEP	0-10cmH_2O	
SIMV Rate	1-20bpm	
Inspiratory Pressure Trigger	-10-10cmH_2O	
Inspiratory Plateau	Adjustable from 0-50% of inspiratory time	
Adjustable Oxygen Concentration	45-100%	21-100%
Gas Supply Requirement	280~600 kPa medical grade oxygen and compressed air	
Pressure Limit	1.0kPa~6.0kPa	
Maximum Safe Operating Pressure	≤6.0kPa	
Tidal Volume Alarm	Upper Limit: 10~2000ml, Lower Limit: 0~1800ml	
Airway Pressure Alarm	Upper Limit: 0.1~6kPa, Lower Limit: 0~5kPa	
Oxygen Concentration Alarm	Upper Limit: 22~100%, Lower Limit: 21~80%	

COMMON FEATURES

- Pneumatically driven electrically controlled ventilator, can be used for emergency clinical resuscitation and respiratory therapy
- Display: High visibility, wide angle LED alphanumeric data display, equipped with tactile analog parameter controls
- Equipped with high precession infrared turbine pressure and flow sensors
- Power Failure Support Functions: Automatically converts to standby mode during AC power outages
- Nonhazardous environmentally friendly frame, precise construction, elegant design, equipped with automated self-checking function during startup and an automatic self-calibrating sensor
- Alarms: Audible and/or visual alarms for tidal volume, airway pressure, power failure oxygen failure and other alarms.
- 9 Level adjustable humidifier

SPECIFICATIONS

Model	PA-500
Display	LED
Ventilation Mode	A/C, IPPV, SIPPV, IMV, SIMV, MANUAL
Minute Volume	Greater than or equal to 18L
Back-up Power Supply	At least 4 hours
Tidal Volume	Adjustable range: 50-1500ml, Display range: 0-2000ml
Output Oxygen Concentration	<50%
Respiratory Rate	6-60bpm
Pressure Limit	1-6kPa
Inspiratory/Expiratory (I:E) Ratio	1:1.5-1:3.0
PEEP	1-10cmH_2O
SIMV Rate	1-12bpm
Inspiratory Pressure Trigger	-4-10cmH_2O
Maximum Safe Operating Pressure	≤6.0 kPa
SIGH	1 sigh breath in every 80-120 breaths
Airway Pressure Alarm	Upper Limit: 0.9~5.4kPa, Lower Limit: 0.5kPa
Gas Supply Requirement	280~600 kPa medical grade oxygen

PA-500

(STANDARD MODEL)

FOR ADULTS, CHILDREN & INFANTS

VERSATILE VENTILATOR

PA-900A

SPECIFICATIONS

- Ventilation modes: IPPV/ASSIST(VC), IPPV/ASSIST(PC), SIMV, BIPAP, CPAP, NIV
- Ventilation Frequency: 2~99cycles/min
- Inspiration Time: 0.2~3s
- Oxygen Concentration: 21%~100%
- PEEP: 0kPa~3.5kPa
- Pressure Support: 0kPa~3.5kPa (above the PEEP pressure)
- Trigger Flow: 1L/min~25L/min;
- Tidal Volume: 30mL~2000mL
- Monitoring
  a.Tidal Volume measuring range: 30mL~2000mL
  b. Minute volume measuring range: 0.5L/min~30L/min
  c. Airway pressure measuring range: 0kPa~9.9kPa
  d. PEEP: 0kPa~3.5kPa
  e. Ventilation Frequency: 0~99cycles/min
  f. Output oxygen concentration measuring: 21%~100%
- Normal Working Condition
- Power supply:
  AC 220V±22V; 50Hz±1Hz
  Internal Battery DC 12V

PA-700

NEONATAL VENTILATOR

SPECIFICATIONS

- Ventilation Modes: CMV, IMV, CPAP, manual
- Respiratory Rate: 1~120bpm
- I:E: 1: 0.1~1: 9.9
- Flow Rate: 3L/m~20L/m
- O_2 Concentration: 21~100%
- PEEP: 0kPa~2kPa
- Inspiratory Pressure: 1kPa~9kPa
- Inspiratory Time: 0.2~3.0s
- Input Pressure: 0.15MPa~0.3MPa

PA-100C

PORTABLE VENTILATOR

SPECIFICATIONS

- Ventilation Modes: CMV(IPPV), A/C(-SIPPV), SIMV, Spont, PEEP (optional)
- Tidal Volume: 50~1200ml
- Respiratory Rate: 5~60bpm, 1-12bpm for SIMV
- PEEP: 0~20hPa/5~20hPa (adjustable)
- PIP: 0-60hPa (optional)
- FiO2: 40~100%
- Sigh: 0~10 per 100 breaths
- Trigger Level: -10~0hPa
- Overpressure Relief: ≤72hPa
- Alarm: high/low airway pressure, insufficient gas/power, parameter error
- Mute Alarm: 120s
- Battery: can work more than 8 hours continuously
- Monitors: Tidal Volume, Sigh, Respiratory Rate, Peak Airway Pressure, Trigger, Airway Pressure
- Airway Pressure Wave Form
- Standard Configuration: Ventilator, Oxygen Pressure Reducer, High-Pressure oxygen hose, Lung Simulator, Breath Circuit, Mask, Head Band, Power Adapter
- Optional: Carrying Package, 2L oxygen Aluminum Cylinder, Oxygen Bridge, Hanging Rack

PA-100D

SPECIFICATIONS

- Ventilation Modes: C, A/C, SIMV, SIGH, CPAP, PEEP
- Tidal Volume: 50~1200ml
- Respiratory Rate: 1~100bpm
- PEEP: 0~20hPa/5~20hPa (adjustable)
- PIP: 0-60hPa (optional)
- FiO_2: 40~100%
- Sigh: 0~10 per 100 breaths
- Trigger Level: -20~19hPa
- Peak Pressure: 0~60hPa
- Monitors: tidal volume, O_2%, sigh, respiratory rate, trigger, CPAP pressure, Peak Airway Pressure, Time Pressure Wave Form
- Overpressure Relief: ≤72hPa
- Alarm information display: high/low airway pressure, insufficient gas/power, parameter error
- Battery: over 8 hours of continuously operation
- Standard Configuration: Ventilator, Oxygen Pressure Reducer, High-Pressure oxygen hose, Lung Simulator, Breath Circuit, Mask, Head Band, Power Adapter, Carrying Package, 2L oxygen Aluminum Cylinder, Oxygen Bridge, Hanging Rack

PA-10

SPECIFICATIONS

- Respiratory Rate: 10, 15, 20, 25, 30, 35bpm
- I: E: 2: 1, 1: 1, 1: 1.5, 1: 2, 1: 2.5, 1: 3
- Tidal Volume: 300~1000ml
- AC Voltage: 110V~240V
- DC Voltage: 12V
- Battery: 12V, 2Ah

PATIENT MONITOR

PDJ-7880

SPECIFICATIONS

- 7 Inch color TFT Display
- Rechargeable lithium battery (up to 4 hours of continuous operation)
- Support central monitoring with wire and wireless connecting
- Suitable for adult, pediatric and neonatal patients
- Optional: thermal printer, $ETCO_2$, IBP, wall mount, trolley

STANDARD CONFIGURATION

- SpO_2, NIBP, PR
- SpO_2, NIBP, ECG, RESP
- SpO_2, NIBP, TEMP, ECG, RESP, PR

PDJ-3000
PDJ-3000C

COMMON FEATURES

- Noninvasive blood pressure, heart rate, body temperature, peripheral oxygen saturation (SpO_2), respiratory rate & pulse rate recorded in a 1000 entry displayable and searchable historical statistics table
- Electrode Selection: 5 standard leads (RA, LA, RL, LL, V)
- Optional Languages: Chinese, English, Spanish, Turkish, Russian and French
- Retains heart rate, body temperature, peripheral oxygen saturation (SpO_2) and respiratory rate statistics for up to 72 hours
- Features pause, review and trending options when observing waveforms
- High precision noninvasive painless blood pressure measurement module, exceptional accuracy, great consistency, module equipped with twin hardware overvoltage protection
- Alarms: Audible and/or visual alarms for heart rate, peripheral oxygen saturation (SpO_2), noninvasive blood pressure and other alarms such as power disconnection or failure, alarm ranges fully adjustable
- Resistant to defibrillation & electro-surgical interference, highly stable and possesses a pacemaker suppression function
- Suitable for adults, pediatric and neonatal patients
- Capable of drug dosage calculation, titration tabling, demonstration mode, memory storage in case of power instability and other functions
- Real-time Battery Usage Monitoring: When battery levels are insufficient, a low power warning is issued by the TFT display
- Features independent oxygenation observation graph

PDJ-3000 Specifications

- Display: 12.1 inch color TFT display, able to simultaneously display 9 types of vital signs including ECG, respiratory rate and blood oxygen waveforms
- Optional built-in data recorder; records and exports text, waveforms and other information

PDJ-3000C Specifications

- Display: 15.1 inch color TFT display, able to simultaneously display 9 types of vital signs including ECG, respiratory rate and blood oxygen waveforms
- Optional built-in data recorder; records and exports text, waveforms and other information

FETAL MONITOR

FEATURES

- Newly advanced A8 main board with Linux OS, more stable and safe
- Foldable 12.1 inches high-brightness TFT LED, touch screen (optional)
- 12-Crystal Doppler transducer for accurate detection (waterproof for optional)
- FHR signal quality indicator helps optimize the probe position
- Event marker for easy documentation of events and kick counts
- On-screen scrolling for viewing stored fetal traces
- Twin ultrasound monitoring capability
- Configurable audible and flashing fetal heart rate alarms
- Cross- Channel Verification (CCV) provide visual and audible indication when it automated detects synchronous fetal or maternal heart rate/ pulse rate signals, indicating that you may be monitoring duplicate signals
- Built-in high speed thermal printer, printing width can be set to 112mm,150mm
- Large capacity storage space, 8640 hours memory for fetal traces
- Supporting keyboard and mouse to input patient information (optional)
- Internal rechargeable Li-ion battery or AC power from external power supply
- Optional build-in wireless network card, supporting wired or wireless connection to the central monitoring station
- Optional Fischer Non-Stress Test (NST) report software allows interpretation of fetal heart rate and TOCO traces, and generates a printed report automatically for a reassuring NST
- Support HL7 (Health Level Seven, optional)

PDJ-800E

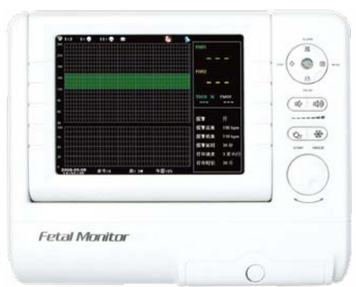
FETAL MONITOR

FEATURES

- Single or twins ultrasound transducer
- Compact and portable design, table placement or wall mounted
- 8.4" color LCD screen display (up to 60° rotation)
- Clearly displays patient data and waveform
- Able to manually record fetal movement
- High and low fetal heart rate alarm function
- Continuous 24-hour real-time monitoring function
- Continuous 12-hour patient waveform and data storage with playback ability
- Equipped with picture freeze function
- Selectable English & Chinese interface for operation
- Single, Twins monitoring selectable
- 9 chip pulse width beam probe
- Extra-long life, high-resolution built-in thermal printer able to output waveform, text, and other information
- Built-in RJ45 Ethernet interface, can be connected with central monitoring system
- Ultrasound probe nominal frequency: 1.0MHz
- FHR Range: 65BPM~210BPM; Accuracy: ±2%
- AC Power Supply Voltage: AC100V~ 240V
- Working Frequency: 50Hz/60Hz
- TOCO Range: 0~100%; Resolution: 1%
- Fetal Marking: Manual push button (Can operated by pregnant mother)
- Optional: Twins monitoring ultrasound probe FHR2
- Battery

PDJ-800G

FETAL MONITOR



MATERNAL/FETAL MONITOR

PDJ-800F

MATERNAL/FETAL MONITOR

FEATURES

- Single or twins ultrasound transducer
- Graphing function and trend table review for both parent and fetus
- Built-in thermal printer
- Programmable alarms
- Built-in network connectivity capability with central monitoring software
- All visual or colors of parameters are customizable
- Multi-face views, select focus on parent or fetus
- Storage of patient information and data

TECHNICAL & PERFORMANCE SPECIFICATIONS

- Display: 8.4" color TFT
- Resolution: 640×480
- Display Mode: Standard View, Fetus View, Parent View
- Interface: socket for connecting the fetus' FHR, TOCO, and Fetal Movement
- Indicator: power indicator light, alarm sound
- Sensor socket for connecting the parent's ECG, NIBP and SPO_2 sensor
- Network socket (RJ45) for Ethernet connection with Central Monitoring Station Software
- Power Supply: AC100~240V, 50/60Hz, power; <60VA
- Trend Graph: resolution from 1s, 5s, 10s (Maximum time; 96 hours)
- Trend Table: resolution from 1s, 5s, 10s (Review up to 1000 items)
- Alarm: adjustable upper and lower limits, three level audible and visual alarms
- User Configuration: color of every parameter and waveform adjustable by the user
- Satisfies IEC60601 series requirements
- Degree of Electrical Protection: BF
- Type of Protection: Class II with internal electric power supply
- Built-in Li battery

FHR

- Ultrasound Frequency: 2MHz
- Range: 50~210bpm
- Resolution: 1bmp
- Accuracy: ±2bmp

FETAL MOVEMENT

- Manual fetal movement mark
- SPO_2
- Measurement Range: 0~100%
- Resolution: 1%
- Alarm Range: 0%~100%
- Refreshing Rate: 1s
- Accuracy: ±2% (70%~100%, adult/pediatric, non-motion)
  ±3% (70%~100%, neonate, non-motion)
  0%~69% unspecified

PULSE RATE

- Measurement Range: 25~250bpm
- Resolution: 1bpm
- Accuracy: ±3bpm (non-motion)
- Alarm Range: 25~250 bmp
- Refreshing Rate: 1s

ECG

- Lead Mode: 3-lead or 5-lead
- Lead Selection: I, II, III, aVR, aVL, aVF, V
- HR Range: 15~300bpm
- ECG Waveform: 2 channels
- Accuracy: ±2bpm or ±2%, which is greater
- S-T Segment Detection Range: -2.0mv~+2.0mv
- Arrhythmia Analysis: 13 kinds of arrhythmia
- Alarm Range: 15~300bpm

NIBP

- Method: Oscillometry
- Mode: Manual/Automatic/Continuous
- Measurement Range: 25~260mmHg
- Automatic Measuring Interval: 5, 10, 15, 30, 45, 60, 90 min
- Resolution: 1mmHg
- Overpressure Protection: 300mmHg
- Alarm Range: 25~260mmHg

SURGICAL SUCTION PUMP

SA-23B.II

(WITH BATTERY)

SPECIFICATIONS

- Air pumping efficiency: ≥20L/min
- Capacity of liquid vessel: 1000ml
- Range of negative pressure: 0.013MPa~0.09Mpa(680mmHg)
- Power supply: AC220V±10~50Hz DC 12V
- Input power: 400VA
- Pump structure: oil-free self-lubricated pump
- Noise: ≤55dB
- Work mode: intermittent load continuous operation

JX820D

(WITH BATTERY)

SPECIFICATIONS

- Maximum Negative Pressure: ≥0.08MPa (600mmHg)
- Negative Pressure Range: 0.02MPa~0.08MPa
- Flow Rate: ≥20L/min
- Noise Level: ≤65dB(A)
- Container Capacity: 1000ml (PC)
- Operating Voltage: DC 12V; AC100V~240V 50/60Hz
- Input Power: 110VA
- JX820D Battery duration on full charge: ≥30min; JX820D-1Battery duration on full charge: ≥60 min
- Optional: Carry Bag

7A-23D

SPECIFICATIONS

- Max negative pressure: ≥0.09MPa
- Noise:≤ 60 dB (A)
- Power: ≤120VA
- Pumping rate: ≥26L/min
- Reservoir capacity: 2500mL/pc, 2pieces, glass
- Compressor: Swinging type Oil-free piston
- Vacuum Rang: 0-750mm Hg

7A-23B

SPECIFICATIONS

- Power Voltage: AC220V±22V~50Hz±1Hz
- Max negative pressure: ≥0.09MPa
- Noise:≤ 60 dB (A)
- Power:≤120VA
- Pumping rate: ≥40L/min
- Reservoir capacity: 2500mL/pc, 2pieces, glass
- Compressor: Swinging type Oil-free piston
- Vacuum Rang: 0-750mm Hg

YX980D

SPECIFICATIONS

- Max vacuum: ≥0.09MPa (680mmHg)
- Adjustable vacuum range: 0.02MPa~0.09MPa
- Flow rate:≥80L/min
- Noise: ≤60dB(A)
- Jar: 4000ml×2+2000ml×2(PC)
- Power supply: AC220 50Hz
- Input power: 280VA

OXYGEN CONCENTRATOR

7F-5

SPECIFICATIONS

- Oxygen Flow: 0.5~5L/min
- Oxygen Concentration: 93%±3%
- Power Supply: ~220V±22V; 50Hz±1Hz
- Input Power: 500VA
- Output Pressure: 40~70kPa
- Operation Noise: ≤53dB(A)
- Size: 445×372×680mm
- Weight: 27kg

OC-5AH

SPECIFICATIONS

- Maximum Flow Rate: 5L/min
- Oxygen Concentration: 93%±3%
- Operating temperature: 5°C-40°C
- Noise Level: <45dB(A)
- Power Supply: AC220V±22V, 50Hz or 110V±10V/60Hz
- Power Consumption: <320(VA)
- Output Pressure: 58.6±6kPa

OC-5P

SPECIFICATIONS

- Oxygen Flow : 1L/min
- Power Consumption: 90W
- Output Pressure: 0.07Mpa ±10%
- Noise: 45dB(A)
- Nebulizer: Yes
- Nebulizer Outlet: Yes
- Nebulizer Control: Electronic Control
- Flow Setting Method: Electronic Control and display on LED screen, no need flow meter
- Flow rate: 1 L/min, 3L/min,5L/min

NEBULIZER

403C

SPECIFICATIONS

- Power supply: AC220±22V~50±1Hz
- Max negative pressure compressing pump: ≥0.15MPa
- Free air flux compressing pump: ≥10L/min
- Max neublizing rate: ≥0.1mL/min
- Noise: ≤65dB(A)

403N

SPECIFICATIONS

Model	403N
Liter Flow Range:	>12lpm
Maximum neublization rate	≥0.35mL/min
Sound level	≤ 55dB(A)
Particle size	0.5-10um
MMAD	3um
Export pressure range	9.0-20ps
Accessories	adult mask, air tube, air filter(5pcs), neublizer bottle

HIGH FREQUENCY ELECTROSURGICAL UNIT

TECHNICAL SPECIFICATIONS

Model	PT100A(S)	PT100A	PT100B
Power	220V±22V, 50Hz±1Hz (110V±11V, 50/60Hz)		
Output Power	100W	150W	80W
Operating Frequency	Monopolar: 330kHz/430kHz	Monopolar: 330kHz/430kHz	330kHz/430kHz Bipolar: 1000kHz
Power Rating	500VA±10%	500VA±10%	300VA±10%
Operating Mode	**Monopolar Cut**		
	Pure Cut 0~100W (Load 300Ω) Blend Cut: 0~100W (Load 300Ω)	Pure Cut 0~150W (Load 300Ω) Blend Cut 0~150W (Load 300Ω)	
	Monopolar Coagulation		
	Forced Coagulation: 0~80W (Load 500Ω) Soft Coagulation: 0~40W (Load 500Ω)	Forced Coagulation: 0~80W (Load 500Ω) Soft Coagulation: 0~40W (Load 500Ω)	
	Bipolar		
			Bipolar Coagulation: 0~80W (Load 300Ω) Bipolar AUTO: 0~80W (Load 100Ω)
Surgery Application	General Surgery	General Surgery	Neurosurgery

PT100A (S)

PT100A

PT100B

TECHNICAL SPECIFICATIONS

Model	PT300	PT300A	PT300B
Power	220V±22V, 50Hz±1Hz (110V±11V, 50/60Hz)		
Output Power	300W		
Operating Frequency	Monopolar: 330kHz/430kHz Bipolar: 1000kHz		
Power Rating	800VA±10%		
Operating Mode	**Monopolar Cut**		
	Pure Cut: 0~300W (Load 500Ω) Blend Cut 2: 0~200W (Load 500Ω) Blend Cut 1: 0~100W (Load 500Ω)		
	Monopolar Coagulation		
	General Surgery: 0~120W (Load 500Ω) Forced Coagulation: 0~100W (Load 500Ω) Soft Coagulation: 0~50W (Load 500Ω)		
	Bipolar		
	Bipolar Coagulation: 0~100W (Load 100Ω) Bipolar AUTO: 0~100W (Load 100Ω)		
Endoscopy	Yes	Yes	N/A
Underwater Support	Yes	N/A	N/A
Surgery Application	General Surgery, Endoscopic, Urological, Orthopedic, Thoracic & Neurosurgery	General Surgery, Endoscopic, Orthopedic, Thoracic & Neurosurgery	General Surgery, Urological, Orthopedic, Thoracic & Neurosurgery

PT300

PT300A

PT300B

PT200AI

TECHNICAL SPECIFICATIONS

Operating Frequency	Monopolar: 475KHz; Bipolar: 1000KHz
Power Rating	800VA±10%
Operating Mode	Monopolar Cut
	Pure Cut: 0~200W(Load 300Ω)
	Blend 1: 0~150W(Load 300Ω)
	Blend 2: 0~100W(Load 300Ω)
	Monopolar Coag
	Contact Coag.: 0~120W(Load 500Ω)
	Forced Coag.: 0~100W(Load 500Ω)
	Soft Coag.: 0~50W(Load 500Ω)
	Bipolar
	Bipolar Coagulation: 0~50W(Load 100Ω)
	Bipolar Cut: 0~50W(Load 100Ω)
Power Consumption	800VA±10%
Surgery Application	Surgical Monopolar, Bipolar Surgery

PT2000AI

TECHNICAL SPECIFICATIONS

- Power: 220V±22V, 50Hz±1Hz(110V±11V, 60Hz)
- Power rating: 1100VA±10%
- Power Consumption: ≤1100VA

Function	Working Modes	Power Output (Max)	Load	Frequency	V-PP	Crest Factor
Monopolar Cut	Pure cut	400W	800Ω	512KHz	2.6kV	1.5
	Blend1	300W	800Ω		4KV	1.8
	Blend2	200W	800Ω		4.2KV	2.1
	Blend3	150W	800Ω		4KV	2.7
Monopolar Coagulation	Spray	80W	800Ω		5.3KV	7.4
	Forced	120W	800Ω		5KV	3.8
	Soft	120W	800Ω		720V	1.6
Bipolar	Standard coag	70W	200Ω	1024KHz	550V	1.6
	Macro-bipolar	120W	200Ω		350V	1.6

LEEP2000I

TECHNICAL SPECIFICATIONS

Operating Frequency	Monopolar: 475KHz; Bipolar: 1000KHz
Power Rating	800VA±10%
Operating Mode	Monopolar Cut
	Pure Cut: 0~200W(Load 300Ω)
	Blend 1: 0~150W(Load 300Ω)
	Blend 2: 0~100W(Load 300Ω)
	Monopolar Coag
	Contact Coag.: 0~120W(Load 500Ω)
	Forced Coag.: 0~100W(Load 500Ω)
	Soft Coag.: 0~50W(Load 500Ω)
Power Consumption	800VA±10%
Surgery Application	For variety of gynecological operations with interface for endoscopy

INFUSION PUMP

IP737

IP100I

600I

SPECIFICATIONS

Model	IP737	IP100I	600I
Mode	Flow rate, Time amount, Drop rate, Body weight	Flow rate, Drop rate	Flow rate, Drop rate (optional)
Flow Rate Range	1.0-1200.0ml/h, 0.1ml/h step	0.1-1200.0ml/h, 0.1ml/h step	1-600ml/h (1ml/h increment)

SYRINGE PUMP

SP320

SP400

500I

500III

SPECIFICATIONS

Model	SP320	SP400	500I	500III
Mode	Rate, Time, Body Weight	Rate, Time	Rate	Rate, Time, Body Weight, Linked
Syringe Pump	5ml, 10ml, 20ml, 30ml, 50ml	5ml, 10ml, 20ml, 30ml, 50ml	5ml, 20ml, 50ml	5ml, 10ml, 20ml, 30ml, 50ml

FEEDING PUMP

205F

SPECIFICATIONS

Model	205F
Flow Rate	1-2000ml/h (in 1, 5, 10ml/h increments)
VTBI	1-9999ml (in 1, 5, 10ml/h increments)
Mode	ml/h

TCI PUMP

500T

SPECIFICATIONS

Model	500T
Mode	Easy mode
	Flow rate
	Time-based
	Body weight
	Plasma TCI
	Effect TCI
Flow Rate	Syringe 5ml: 0.1-100ml/h 0.1-1ml/h in 0.01ml/h increments
	Syringe 10ml: 0.1-300ml/h 1-10ml/h in 0.1ml/h increments
	Syringe 20ml: 0.1-600ml/h 10-100ml/h in 1ml/h increments
	Syringe 30ml: 0.1-800ml/h 100-1200ml/h in 10ml/h increments
	Syringe 50ml: 0.1-1200ml/h

INFUSION FLUID WARMER

SPECIFICATIONS

- Input power: ≤70W
- Temperature controlling
  a) Liquid temperature at the entrance: 15°C~25°C or 59oF~77oF
  b) Liquid temperature at the exit: 30°C~41°C or 86oF~105.8oF(Note 1)
  c) Displaying error of temperature: ≤ 2°C or 3.6oF(Note 2)
- Safety: the power supply will be automatically cut off when the heating plate reaches 42°C+2°C or 107.6+3.6oF. Meanwhile, the buzzer phone gives an alarm and red-guided light glimmers
- Suitable speed of infusion fluid: 40~80 drops/min (2~5.3ml/min)
- Fuse: T500mAL250V Size: ϕ3.9×11mm
- Max. Weight: <600g

PORTABLE AUTOMATED EXTERNAL DEFIBRILLATOR

FEATURES

- The AED7000 is a portable defibrillator unit that is perfect for any environment; from the outdoors to a hospital or even the home. Its user friendly design provides an easy and convenient method to giving first-aid to patients in distress
- This device is capable of automatically analyzing a patient's ECG data and then calibrating its defibrillation output level correspondingly to a patient's current condition, this significantly minimizes damage to the patient's heart

SPECIFICATIONS

- Two-button operation
- Biphasic waveform energy output
- Three-step defibrillation process
- Extensive audible and visual prompts for the operator
- Lock-out protection to prevent inadvertent defibrillation
- Non-rechargeable Battery: 12V DC 2.8Ah
- Capacity: 100 discharges at 200J or 120 discharges at 150J

AED7000

SPECIFICATIONS

- Waveform: Biphasic truncated exponential
- Energy Sequence: 150, 150, 200-Joules
- Charge time:Less than 8 sec. to 150J
- Less than12 sec. to 200J
- Voice Prompt: Extensive voice prompt
- Visual Indicators: LED prompts;
- Control: ON/OFF, Shock two button;
- Battery: Power: 12V, 3000mAh
- Non-rechargeable Li-MnO2 Cell
- Weight (with battery): 1.9Kgs (4.2 Pounds)
- Standard Configuration:Main unit; Adult pads; Battery; Carrying case; Service manual
- Optional: Children's Pads

AED6000

FEATURES

- **Display**
  Screen: 7" high-resolution display
  Information: Heart Rate, Lead/Pads, Alarm On/Off, SpO_2, AED Functions and Prompts, Alarm Selection and Limits, Delivered Energy
- **Defibrillator**
  Waveform: Biphasic
  Charge Time: Less than 7 seconds with a new fully charged battery
  Energy Display: Monitor display indicates both selected and delivered energy
  Electrode Impedance Measurement Range: 0-250 ohms
- **ECG Monitoring**
  Patient Connection: 3-lead ECG cable, or 5-lead ECG cable, paddles
  Lead Selection: Displayed on monitor, paddles, I, II, III, AVR, AVL, AVF, V
  Heart Rate: 20-300BPM
  Smart Alarms: Beeper/voice prompts indicate shockable rhythm
- **Battery**
  Type: Rechargeable, Ni-MH battery, 12V
  Operating Time: For a new, fully charged battery: 100 defibrillator discharges, or 3 hours minimum of continuous ECG monitoring
- **SpO_2 Module**
  Measurement Range: 30~100%, ±2% between 80%~90%, others ±5%
  Alarm Range: User set high limit and low limit
- **AED Mode**
  AED Function: Auto analyzes and charges x3 with programmable auto energy level selection, screen prompts, and voice prompts
  Shockable Rhythms: Ventricular fibrillation with amplitude >=200uV, ventricular tachycardia with rates ≥140bpm, and QRS complex wave duration >=140ms
  Charge Control: Control on device front panel, press key on paddle
  Prompts: Voice and visual prompts

DM7000

- **Manual Mode**
  Energy Selection: Selectable at 2, 5, 7, 10, 20, 30, 50, 70, 100, 150, 200, 300, 360 joules
  Synchronized Mode: Synchronizes defibrillator pulse to patient's R-wave. "SYNC"message displayed on monitor
- **Recorder**
  Paper: 50mm thermal
  Speed: 12.5mm/sec, 25mm/sec, 50mm/sec. User-selectable 6-second delay

EXTERNAL DEFIBRILLATOR

PT-9000A

SPECIFICATIONS

- Defibrillator Modes: Manual, Synchronized
- Sine Wave: monophasic waveform technology
- Energy: 0, 20, 50, 100, 160, 250, 300, 360J
- Charge Time: less than 10s at 360J
- Paddle Options: reusable external adult paddles
- Power: AC and built-in rechargeable battery

PT-9000D

SPECIFICATIONS

- Defibrillator Mode: Manual, Synchronous, Asynchronous
- 7 Inch TFT Display
- Energy Accuracy: <±1%
- Energy Selection: 0, 3, 5, 7, 10, 20, 30, 50, 100, 200, 300, 360J (nominal at 50 resistance)
- Charge Time: less than 10s at 360J
- Standard Adult/Pediatric Paddles: reusable external adult paddles (pediatric paddles integrated)
- Respiration Measurement Method: Thoracic impedance
- Power Requirements
  AC Power Supply: 100V~240V, 50Hz/60Hz
  Vehicle Voltage (optional): DC 12V

INTERNAL BATTERY BACKUP

- Battery Type: rechargeable lead-acid battery (12V2.0AhX2)
- Minimum Charge Time: 4 hours for full charge
- Charging/Low Battery Indication: red LED
- Charging Method: during normal operation of device under AC
- Power Supply
  Battery Capacity: the battery (on a full charge) will permit 120 minutes of monitoring & 30 discharges at 360J

ECG

- ECG Lead: I, II, III, aVR, aVL, aVF, V1~V6
- S-T Segment Analysis: -2.0~2.0mv
- Arrhythmia Analysis: yes
- Electrical Protection: able to withstand 4000VAC/50Hz voltage in isolation and resistant to electro-surgical devices & defibrillation

STANDARD CONFIGURATION

- ECG/RESP/DEFIBRILLATOR
- Optional: Recorder, Lithium battery (11.1V4.0AhX2)

PT-9000C

SPECIFICATIONS

- Defibrillator Mode: Manual, Synchronous, Asynchronous
- 7 Inch TFT Display
- Energy Accuracy: <±1%
- Energy Selection: 0, 3, 5, 7, 10, 20, 30, 50, 100, 200, 300, 360J (nominal at 50 resistance)
- Charge Time: less than 10s at 360J
- Standard Adult/Pediatric Paddles: reusable external adult paddles (pediatric paddles integrated)
- Respiration Measurement Method: Thoracic impedance
- Power Requirements
  AC Power Supply: 100V~240V, 50Hz/60Hz
  Vehicle Voltage (optional): DC 12V

ECG

- ECG Lead Inputs: I, II, III, aVR, aVL, aVF, V1~V6
- S-T Segment Analysis: -2.0-2.0mv
- Electrical Protection: able to withstand 4000V (AV)/50Hz voltage in isolation, protected from electro-surgical devices & defibrillation
- ECG Lead/Cable: general lead/cable for adult, pediatric and neonatal patients

NIBP

- Method: oscillometric (automated)
- Operating Mode: manual/automatic
- Measurement Range: adult 10~250mmHg, pediatric 10~250mmHg, neonatal 10~135mmHg

TEMP

- Measurement Range: 20~45°C
- Resolution: 0.1°C

SPO_2

- Display: SpO_2 value, pulse histogram, waveform, pulse
- Range: 0~99% for adult, pediatric and neonatal patients
- Probe: standard adult finger clip,
- Optional pediatric Y-type clip and neonatal wrap

PULSE

- Pulse Range: 0~300bpm
- Pulse Accuracy: ±2bpm

EXAMINATION LIGHT

OD-I

SPECIFICATIONS

- Maximum Illumination Intensity: 20000lx
- Color Temperature: 3600±200k
- Color Rendering Index: Ra≥90
- Infrared Ray Absorption Rate: 95%
- Bulb Power/Voltage: Halogen, 35W/12V
- Bulb Life: 4000 hours
- Suitable Illumination Distance: 300-800mm

OD-II (LED)

SPECIFICATIONS

- Maximum Illumination Intensity: 50000lx
- Color Temperature: 5500±500K
- Bulb Power/Voltage: LED 7×3W
- Bulb Life: 50000 hours
- Suitable Illumination Distance: 300-800mm

APERTURE SERIES OPERATING LIGHT

OL12L

SPECIFICATIONS

- Illumination Intensity: ≥120,000lx (at 1m distance)
- Color Temperature: 4500K±500K
- Mains Voltage: AC 220V±10% 50Hz
- Bulb Voltage: AC 24V
- Bulb Power: 300W
- Power Input: 350VA
- Minimum Height for Installation: 280-320cm

OL05L.I / OL05L.III

SPECIFICATIONS

- Illumination: ≥50,000LX (at 1m distance)
- Color temperature: 4500K±500K
- Mains voltage: AC220V±10% 50Hz
- Bulb voltage: AC24V Bulb power
- Input power: 150VA
- Optional: Battery

(WITH BATTERY)

INTEGRAL REFLECTION OPERATING LIGHT

OL500-III

SPECIFICATIONS

- Illumination: 50,000-100,000LX (at 1m distance)
- Facula diameter: φ100~φ280mm
- Depth of light beam: ≥700mm
- Brightness adjustment: dimmer can be customized
- Shift of major and stand by lamps: automatic
- Color temperature: 4500K±500K
- Temperature rise: ≤12°C
- Temperature rise on the head of patient: ≤2°C
- Diameter of lamp holder: 500mm
- Mains voltage: AC220V±20% 50Hz
- Bulb voltage: AC24V Bulb power
- Input power: 200VA

OL600-II

SPECIFICATIONS

- Illumination Intensity: 60,000-120,000lx (at 1m distance)
- Light Field/Spot Diameter: φ100~φ280mm
- Depth of Illumination: ≥700mm
- Brightness Adjustment: customizable dimmer
- Automatic switchover between the primary and standby lights
- Temperature Increase: ≤12°C
- Temperature Increase of Doctor's Head: ≤2°C
- Diameter of Lamp Holder: 600mm
- Mains Voltage: AC 220V±20% 50Hz
- Bulb Voltage: AC 24V
- Bulb Power: 150W
- Power Input: 220VA

LED OPERATING LIGHT

LED400/400

SPECIFICATIONS

- Diameter of Light Head: Combined
- Illumination Intensity at 1m (lx): 40000-100000lux / 40000-100000lux
- Light Field Diameter at 1m: 10-28cm
- D10 (mm): 180±40/180±40
- Diameter of spot D50 (mm): 110±35 / 110±35
- Combined Light Depth of Illumination: 150cm
- Color rendering index (Ra): 100≥Ra≥85
- Optional Color Temperature: 4500±500K
- Number of LED bulbs: 32/32
- Average Bulb Life: 50000hours
- Heat to Light Ratio:<6
- Operating Distance: 70-140cm
- Power Supply: 100-240V, 50/60Hz
- Power Input: 180VA
- Minimum Height for Installation: 280-320cm

LED-400/400T

SPECIFICATIONS

- Diameter of Light Head: 55cm
- Illumination Intensity at 1m: 40000-160000lux / 40000-160000lux
- Combined Light Depth of Illumination: 130cm
- Optional Color Temperature: (3500 / 4000 / 4500) ± 500K
- Light Field Diameter at 1m: 10-28cm
- Average Bulb Life: 50000hours
- Heat to Light Ratio: <6
- Operating Distance: 70-140cm
- Power Supply: 100-240V, 50/60Hz
- Power Input: 180VA

LED-700/500

SPECIFICATIONS

- Supply Voltage: AC 120V±10%
- Supply Frequency: 60Hz±1Hz
- Power Input: 140VA
- Bulb Power: 3.2V1W
- Main Fuse: T2AL-250V (quick-acting fuse)
- Rated Illumination: 100,000-160,000lx /80,000-130,000lx
- Color Temperature: 3800 ± 200K / 4400 ± 200K / 5000 ± 200K
- Definition: ≥600TVL
- SNR: ≥46db
- Camera Shooting distance(m): 0.8~2
- Foci: F3.66~91.36mm
- Double ratio: 22double
- Video freqiemcu ex[prt: 1.0Vp-p75Ω
- Vidicon power supply: 12VDC±10%
- Lowest height of installation: 3100
- Cross Arm turns around fixed seat: 360°
- Lamp body turns around riser: 360°

MEDICAL LOUPE & LED HEADLIGHT

MEDICAL LOUPE

SPECIFICATIONS

- PD adjust quickly
- Beautiful and decent appearance
- Long depth of field more convenient
- Magnification: 2.0/2.5/3.0X
- Working Distance: 420mm
- Area of View Field: ϕ100-ϕ300mm

HL-A2

SPECIFICATIONS

- Wired design, difficult to dislodge
- Ultra-high brightness
- Voltage: AC 90~240V
- Bulb Power: LED 3 W
- Battery: up to 7 hours of continuous operation
- Color Temperature: 5500±500K
- Illumination Intensity: 60,000lx
- LED Bulb Life: 50,000 hours
- Optional: magnification lens

ELECTRIC OPERATING TABLE

SPECIFICATIONS

- Length: 2000±50mm
- Width: 500±20mm
- Adjustable Height: 750 (±50mm)-1000mm (±50mm)
- Trendelenburg: ≥20°; Reverse Trendelenburg: ≥20°
- Lateral Tilt≥18°
- Head Section Folds Upward: ≥40°; Folds Downward: ≥90°
- Leg Section Folds Downward: ≥90°; Folds Upward: ≥20°
- Back Section Folds Upward: ≥60°; Folds Downward: ≥30°
- Kidney Section Elevation: 100mm
- Mains Voltage: AC 220V±10% 50Hz
- Power Input: 300VA

OT-KLC

SPECIFICATIONS

- Length: 2100mm
- Width: 480mm
- Adjustable Height: 750~1000mm; can be freely raised, fixed and lowered within 250mm
- Trendelenburg: ≥25°; Reverse Trendelenburg: ≥25°
- Lateral Tilt: ≥15°
- Head Section Folds Upward: ≥45°; Folds Downward: ≥90°
- Back Section Folds Upward: ≥45°; Folds Downward: ≥15°
- Leg Section Folds Downward: ≥90°
- Leg Section Folds Outward: ≥90° (detachable)
- Foot section can be positioned perpendicular (90°) to the leg section and is detachable.
- Kidney Section Elevation: ≥100mm

OT-N2000

360° ROTATION, X-RAY SUITABLE HYDRAULIC UNIVERSAL OPERATING TABLE

SPECIFICATIONS

- Length: 2000±50mm
- Width: 500±20mm
- Adjustable Height: 740 (±50mm) - 1000mm (±50mm)
- Trendelenburg: ≥20°; Reverse Trendelenburg: ≥15°
- Lateral Tilt: ≥25°
- Back Section Folds Upward: ≥60°; Back Section Folds Downward: ≥10°
- Head Section Folds Upward: ≥30°; Folds Downward: ≥90°
- Leg Section Folds Downward: ≥90°
- Leg Section Folds Outward: 180°

OT-KYD

HEAD CONTROL MULTIPURPOSE OPERATING TABLE

SPECIFICATIONS

- Length: 2040mm
- Width: 480mm
- Adjustable Height: 800~1040mm; can be freely raised, fixed and lowered within 240mm
- Trendelenburg: ≥30°; Reverse Trendelenburg: ≥50°
- Lateral Tilt: ≥20°
- Head Section Folds Upward: ≥45°; Folds Downward: ≥90°
- Back Section Folds Upward: ≥80°; Folds Downward: ≥8°
- Leg Section Folds Downward: ≥90°
- Leg Section Folds Outward: ≥90° (detachable)
- Foot section can be positioned perpendicular (90°) to the leg section and is detachable.
- Kidney Section Elevation: ≥120mm

OT-N3008B-I

SPECIFICATIONS

- Length: 2050±50mm
- Width: 480±20mm
- Adjustable Height: 750mm (±50mm)-950mm (±50mm)
- Trendelenburg: ≥20°; Reverse Trendelenburg: ≥20°
- Lateral Tilt: ≥20°
- Head Section Folds Upward: ≥30°; Folds Downward: ≥90°
- Back Section Folds Upward: ≥75°; Folds Downward: ≥5°
- Leg Section Folds Downward: ≥90°
- Leg Section Folds Outward: 180°
- Kidney Section Elevation: 100mm

OT-K3008C

SIDE CONTROL MULTIPURPOSE OPERATING TABLE

OT-K3001A

SPECIFICATIONS

- Length: 2100±50mm
- Width: 480±20mm
- Adjustable Height: 750mm (±50mm)-950mm (±50mm)
- Trendelenburg: ≥20°; Reverse Trendelenburg: ≥15°
- Lateral Tilt: ≥15°
- Head Section Folds Upward: ≥30°; Folds Downward: ≥90°
- Back Section Folds Upward: ≥75°; Folds Downward: ≥10°
- Leg Section Folds Downward: ≥90°
- Kidney Section Elevation: 100mm

ELECTRIC OPHTHALMIC OPERATING TABLE

OT-KSA

FEATURES

- Imported German hydraulic engine
- Imported electromagnetic valve & sealing ring

SPECIFICATIONS

- Length: 1970±50mm
- Width: 600±20mm
- Adjustable Height: 550mm (±50mm)-800mm (±50mm)
- Trendelenburg: ≥15°; Reverse Trendelenburg: ≥15°
- Head Section Folds Upward: ≥20°; Folds Downward: ≥90°
- Main Voltage: AC220V 50Hz
- Power Input: 500VA

MULTIPURPOSE MOBILE OPERATING TABLE

OT-KLD-III

SPECIFICATIONS

- Electro-hydraulic operating mode, Imported German hydraulic system (HOERBIGER). Dual control method (control panel and handheld remote) provide a versatile way for the user to control the various movements of the table. The OT-KLD-III is also equipped with MCU processing and a self-locking function to prevent false triggering
- High quality stainless steel (SAE 304) is used for; the table support, base plate, column shield and both table railings, easy to clean and sterilize. Console supports made from rust-proof cast aluminum components.
- Auto-restoration function
- Mattress is upholstered with imported synthetic leather, and formed out of seamless one piece High-density Memory Foam
- Imported carbon steel plated table top, convenient for X-ray radiography
- AC & DC power source can simultaneously utilized
- Sliding table top
- Electronic brake system, handy when shifting operating table
- Standard Accessories: 2x shoulder support, 2x waist support, 2x arm rest, 2x leg support, screen frame, 2x pedal foot board, waistband

ADDITIONAL COMPONENTS

Orthopedics Traction Device

Neurosurgery Head Support

SPECIFICATIONS

Model	KL-D-III
Table Length in mm	2050±20
Table Width in mm	520±20
Height Adjustment in mm	(730~1120)±20
Loading Capacity	350kg
Tilt (left or right)	20°
Trendelenburg/Reverse Trendelenburg	30°
Head Section Folds Upward	40°
Head Section Folds Downward	90°
Back Section Folds Upward	80°
Back Section Folds Downward	50°
Kidney Section Elevation in mm	0~100±10
Leg Section Folds Upward	20°
Leg Section Folds Downward	90°
Leg Section Folds Outward	180°
Flex & Reflex Position Angles	Flex 230°/Reflex 100°
Horizontal & Longitudinal Movement	300mm

MEDICAL PENDANT

SURGICAL PENDANT

FEATURES

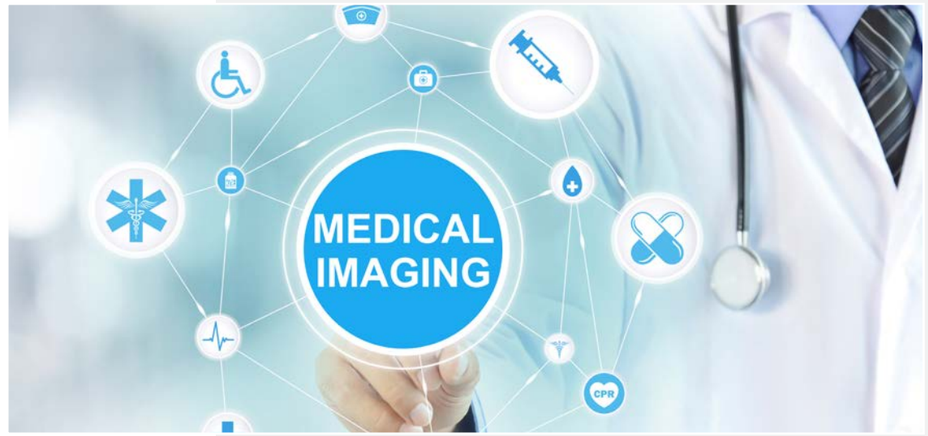
- Horizontal rotation
- Pneumatic brake & damper device
- AIR x 1; O_2 x 1; VAC x 1; power outlet x 4; network outlet x 1
- High carrying capacity
- Imported German outlet
- Formed from one-shot aluminum alloy
- Other gases (optional)

BRIDGE PENDANT

FEATURES

- Separate dry & wet sections
- Dry & wet sections electrically mobile
- Light installed at center of bridge
- AIR x 1; O_2 x 2, VAC x 1; power outlet x 10; network outlet x 2
- Imported German outlet
- Formed from one-shot aluminum alloy
- Other gases (optional)
- Suitable for: communication machine, monitor, video telephone, background music, teaching and long-distance consultation system

MOBILE MEDICAL DIAGNOSTIC X-RAY EQUIPMENT



XM100BY

100mA

SPECIFICATIONS

- Power supply: Voltage: 180-240V Frequency: 50HZ
- Internal resistivity <1.0Ω Current 35A instant Rating ≥7kVA
- Photography: Voltage: 50-100kV Current 16ma 32ma 63ma 100ma
- Time 0.08s~6.3s X-ray tube focus 4.3mm×4.3mm
- Maximum remote control distance: 7m
- Maximum height of focal spot from floor >1775mm
- Minimum height of focal spot from floor <480mm
- Columns turning angle: ±45°
- Collimator: maximum film size at 650mm focal distance: 350mm×350mm

SPECIFICATIONS

Focus of X-ray tube	Photograph Current (mA)	Max photograph voltage (kvp)	Max allowable exposure time
Big focus	16	90	6.3
	32	90	6.3
	63	90	4.0
	100	80	3.2

HIGH FREQUENCY MOBILE X-RAY EQUIPMENT

XM100, XM101A, XM101C

XM101D

WITH BUILT-IN BATTERY

COMMON FEATURES

- Equipped with high frequency inverter able to emit high quality X-rays at minimal doses, enabling excellent image definition and contrast
- Comes with kV analog closed loop control, mAs digital closed loop control & micro-processing real-time control radiography techniques for consistent and replicable radiation doses
- High quality knockdown X-ray generator minimizes excess radiation, improves safety for the environment, patient and operator
- 50 exposure presets, completely modifiable for user convenience or preference
- Features two button kV & mAs adjustment, LCD display
- Symmetrical beam applicator for X-ray field adjustment and collimator lamp for field location and precise radiography
- 20 meters microwave exposure remote control
- Patented auto-trim technology surrounding the rotational limb in conjunction with the power unit means the device will automatically calibrate its center of gravity according to the current rotation angle of the support arm

XM101C & XM101D EXCLUSIVE FEATURES

- Patented X-ray arm technology, self balancing unique single arm support structure ensures straight and effortless positioning of X-ray tube for phenomenal, elegant and convenient operation

FEATURES UNIQUE TO XM101D

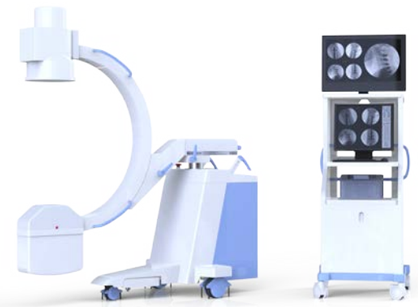
- Built-in rechargeable battery can support 200mA X-ray shots after being fully charged
- Equipped with Rotary Pillar

SPECIFICATIONS

Model	XM100	XM101A	XM101C	XM101D
Power Output	2.5kW	3.5kW	5kW	5kW
Frequency	50kHz	50kHz	50kHz	50kHz
X-ray Tube	1.5	1.5	1.5	1.5
Tube Voltage	40~100kV (interval 1kV)	40~100kV (interval 1kV)	40~100kV (interval 1kV)	40~100kV (interval 1kV)
Tube Current	40~49kV, 50mA, 1~160mAs 50~59kV, 42mA, 1~160mAs 60~69kV, 36mA, 1~140mAs 70~79kV, 31mA, 1~125mAs 80~89kV, 28mA, 1~100mAs 90~100kV, 25mA, 1~80mAs	40~49kV, 63mA, 1~125mAs 50~59kV, 55mA, 1~110mAs 60~69kV, 45mA, 1~90mAs 70~79kV, 40mA, 1~80mAs 80~89kV, 36mA, 1~71mAs 90~99kV, 32mA, 1~63mAs 100~110kV, 20mA, 1~40mAs	40~49kV, 100mA, 1~180mAs 50~59kV, 77mA, 1~140mAs 60~69kV, 64mA, 1~125mAs 70~79kV, 55mA, 1~110mAs 80~89kV, 49mA, 1~100mAs 90~99kV, 44mA, 1~80mAs 100~109kV, 32mA, 1~63mAs 110~120kV, 25mA, 1~50mAs	
mAs	1.0~160mAs (45 steps)	1.0~125mAs (43 steps)	1.0~180mAs (46 steps)	1.0~180mAs (46 steps)
Power Supply	220V±10% 50Hz inner-resistance: ≤1.0Ω			
Operation Method	Wire & Wireless control			

HIGH FREQUENCY C-ARM RADIOGRAPHY SYSTEM

XM112



XM112E

COMMON FEATURES

- High performance clinical radiographic system stores up to 8 high quality images per volume and includes two 14" high resolution monitors
- Automatic fluroscopy tracking technique ensures optimal image brightness and crispness
- The Radiographic system automatically retains the last image capture from the fluoroscopy to provide a diagnostic advantage
- High quality knockdown X-ray generator minimizes excess radiation, improves safety for the environment, patient and operator

SPECIFICATIONS

Model	XM112	XM112E
FLUOROSCOPIC CAPACITY		
Tube Voltage	40~110kV	40~120kV
Tube Current (For Radiography)	20~63mA	20~100mA
Fluoroscopy	Automatic/Manual: 40~110kV/0.3~4mA Pulse: 40~110kV/4.1~8mA	Automatic/Manual: 40~120kV/0.3~4mA Pulse: 40~120kV/4.1~8mA
PHOTOGRAPHY CAPACITY		
Power Output	3.5kW	5kW
Tube Voltage & Current Combination	40kV~49kV 1~125mAs 50kV~59kV 1~110mAs 60kV~69kV 1~90 mAs 70kV~79kV 1~80 mAs 80kV~89kV 1~71 mAs 90kV~99kV 1~63 mAs 100kV~110kV 1~40 mAs	40kV~49kV 1~180mAs 50kV~59kV 1~140mAs 60kV~69kV 1~125 mAs 70kV~79kV 1~110mAs 80kV~89kV 1~100mAs 90kV~99kV 1~80 mAs 100kV~109kV 1~63 mAs 110kV~120kV 1~50 mAs
mAs	1~125mAs	1~180mAs
X-RAY TUBE		
Focus (Fixed Anode)	Small Focus: 0.3mm; Large Focus: 1.5mm	Small Focus: 0.3mm; Large Focus: 1.5mm
Inverter Frequency	40kHz	40kHz
SID	960mm	960mm
Anode Thermal Capacity	35KJ (47kHu)	35KJ (47kHu)
Tube Thermal Capacity	460KJ (613kHu)	650KJ (867kHu)
Power Supply	220V, 50Hz	220V, 50Hz
VIDEO SYSTEM		
Image Intensifier	9" Toshiba Image intensifier	9" Toshiba Image intensifier
CCD Vidicon Tube	Imported Japanese 0.47 Mega Pixel Ultra Low-light 8 bit CCD (Original binding, WATEC)	
CCU (central control)	Recursive Filter: K=8,8 image storage, upright image, overturned image, positive & negative image, LIH (last Image Hold), and OSD (monitor display)	
Workstation	Yes	No
Monitor	19" LCD Monitor (2 sets)	Single 14" CRT attached to C-arm frame, ±135° rotation
STRUCTURE		
Directive Wheel	±90° rotation, instant rotational readjustments	±90° rotation, instant rotational readjustments
Support Stand Vertical Travel	400mm	400mm
C-arm	Forward Back Movement: 200mm Rotation Around Horizontal Axis: ±180°, Rotation Around Vertical Axis: ±15° Orbital Rotation: 120° (+90°~-30°)	

25kW 200mA

HIGH FREQUENCY X-RAY RADIOGRAPHY SYSTEM

XM160A

FEATURES

- LCD touch screen graphical control console can alter radiographic parameters from an adjoining or nonadjacent room
- Able to apply a variety of radiographic parameters depend upon the physical characteristics of the patient, such as multi-site, multi-position, multi-body shape, adult, pediatric and many more. The user may modify, add and save any parameters for operational convenience
- Counterbalanced X-ray generator can isometrically move and readjust around generator itself, central beam and support stand. This allows for virtually unlimited projection radiographic possibilities for patient placement such as a stretcher
- Provided bucky stand for radiographic imaging of; head, chest, belly, pelvic cavity, backbone and extremities
- The latest in compact high-frequency and high-voltage X-ray generator, able to maintain superior image quality at minimal radiation dosage, ensures better patient protection
- Adoption of kV & Max numeric closed loop control technology, enforces real-time microprocessor control, allows for much more accurate and replicable radiation doses accuracy and repeatability of the output dose
- Features numerous automatic systematic safeguards and fault detection function, contributes to a safer and more reliable user operating experience
- Radiographic table includes electromagnetic braking and is moveable in any cardinal direction, guarantees the accurate and simple placement of patients

SPECIFICATIONS

Component	Detail
Power Output	25kW
Inverter Frequency	40kHz
X-ray Tube	Rotary anode, Dual-focus, Large focus: 1.3mm*1.3mm, Small focus: 0.6 mm*0.6mm, Thermal capacity: 900kJ
Rotary Anode Speed	3000rpm
Tube Current	200mA
Tube Voltage	40-125kV
mAs	0.4-360mAs
Table Radiography	Grid density: 103L/INCH;Grid ratio:8:1; Focusing distance: 120cm; Stationary type:15"×18" (imported)
Bucky Stand Radiography	Grid density: 103L/INCH;Grid ratio:10:1;Focusing distance: 150cm; Stationary type:18"×18" (imported)
Power Supply	380V 50Hz, Capacity: ≥30kVA
Operation Method	Color LCD touch screen graphical control console 20 meters wireless remote exposure control
CONFIGURATION CHARACTERISTICS	
Table Size	2000×760mm
Table Height	≤700mm
Transverse Travel of Table	±110mm (Electromagnetic brake)
Longitudinal Travel of Table	±325mm (Electromagnetic brake)
Cassette Holder Grid Movement	≥560mm (Cassette frame which can linkage with column to take face film; not linkage with the column, to take angle film.)
X-ray Tube Rotation	±90° (Electromagnetic brake)
Floor Stand Rotation	360° (4×90°, Mechanical brake)
Axial Rotation	0-35° (Mechanical brake)
SID	420-1200mm (Electromagnetic brake)
Floor Stand Longitudinal Travel (along table)	≥1350mm (Electromagnetic brake)
Beam Aperture Opening Duration	Approx 30s
Film Size	5"×7"-14"×17" (Table radiography) 5"×7"-17"×17" (Bucky stand radiography)
Movement Range of Chest X-ray Frame	560-1625mm

HIGH FREQUENCY DIGITAL RADIOGRAPHY SYSTEM

COMMON FEATURES

- Specifically constructed DR work station integrated with intelligent all-digital tactile LCD graphic color control system contributes to a user-friendly and an ergonomic radiographic process
- Newly developed rotational U-shaped frame in conjunction with existing electric lift design enables the operator to meet the radiographic requirements of the patient in either standing or horizontal positions. Thereby facilitating more flexible and expedient operations
- World class 17 by 19 million pixel digital CCD detector aid the user in achieving picture perfect high definition images
- Cutting edge domestically manufactured high powered compact high-frequency X-ray generator and power inverter allows the radiographic unit to achieve a lightweight compact structure without the need for additional bulky extraneous high-voltage generator or cables
- Purpose built radiographic bed tailored for the XM8200 U-shaped arm; which allows the bed to be positioned with a electromagnetic lock to the precise location of the supine patient
- Support Dicom 3.0
- Able to apply a variety of radiographic parameters depend upon the physical characteristics of the patient, such as multi-site, multi-position, multi-body shape, adult, pediatric and many more. The user may modify, add and save any parameters for operational convenience
- Exceptional quality high-voltage X-ray generator and high-frequency power inverter allows the XM8200 to produce superb high-definition, high contract images at minimal radioactive doses

XM8200

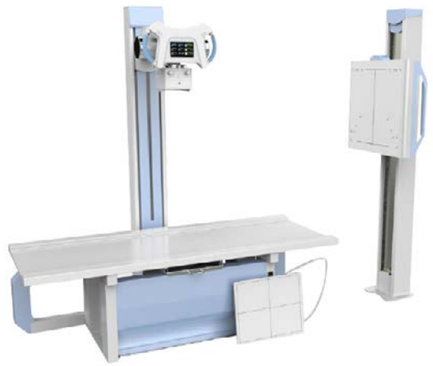
- Adoption of kV & Max numeric closed loop control technology, enforces real-time microprocessor control, allows for much more accurate and replicable radiation doses.
- Unparalleled internalized battery can support up to 200 radiographic exposures on a full charge, while maintaining picture perfect image quality on a consistent and reliable basis

SPECIFICATIONS

High Frequency X-ray Machine		Digital Detector	
Power Output	26kW	Detector Type	CCD
Inverter Frequency	60kHz	Field of View	17*17 Inch
X-Ray Tube	XD56-11 32/130	Pixel	3K*3K
Dual-focus	Small focus: 0.6, Large focus: 1.3	Spatial Resolution	≥3.0LP/mm
Thermal Capacity	900kJ (1200 kHU)	Spatial Resolution Limit	4.6LP/mm
Rotary Anode Speed	3000rpm	Pixel Size	108um
Tube Voltage	40~130kV	Grayscale	14bit
Tube Current	200mA	Imaging Time	7 seconds
mAs	360mAs		
CONTROL SYSTEM			
Image Processing System	Photo processing software, X-ray synchro Control software, motion control software		
Image Post-processing	tissue equilibrium, W/L adjustment, Gamma correction, interest district, reversed phase, noise reduction, smooth, sharpen, pseudo color, edge extraction, shadow compensation, filter nuclear, single window, dual-window, four windows, movement, right rotated 90°,left rotated 90°, level mirror image, vertical mirror image, magnifying glass, image zooming, reset, layer information, label character, drawing label, length measurement, angle measurement, rectangular length, rectangular area, elliptic length, elliptic area		
Image Storage & Transmission	Dicom direct transmission, Dicom Worksite SCU, standard, Dicom, DIR, film printing and mass storage (hard disk, compact disk)		
U-SHAPED ARM			
Motorized Vertical Travel	450mm-1700mm (motorized control)		
Anode to Screen Range	1000mm-1800mm (motorized control)		
Rotation Range	-40°~+130° (motorized control)		
PHOTOGRAPHY BED			
Bed Size	2000mm*650mm		
Bed Height	≤720mm		
Transverse Shift	200mm (±100mm, electromagnetic lock)		
Longitudinal Shift	100mm (±50mm, electromagnetic lock)		
Power Supply	380V 50Hz (220V 50Hz is also available)		

DIGITAL HIGH FREQUENCY X-RAY RADIOGRAPHY SYSTEM

XM50DR



PRODUCT CONFIGURATION

- High Frequency High Voltage X-ray Generator
- X-ray Tube Assembly
- Collimator
- Digital Detector Rayence 1717SGC Made-in-Korea
- DR Machine Frame
- Radiography Table
- Computer and LCD
- High Voltage Cable 75kV (length: 8m)
- Grid (Brand:JPI) 100cm and 180cm Made-in-Korea

SPECIFICATIONS

Model		XM50DR
High Frequency High Voltage X-ray Generator	Power	AC380V ± 38V
	Radiography Tube Voltage	40kV ~ 150kV
	Radiography Tube Current	10mA ~ 630mA
	Time	2ms ~ 6300ms
	Allowed Internal Resistance	380V: 0.5Ω
	Allowed Frequency Variation	50Hz/60Hz ± 1Hz
	Working Frequency	≥30kHz
X-ray Tube Assembly	Focus	0.6mm/1.2mm
	Rotating Speed	2800rpm
	Peek Tube Voltage	150kV
	Small Focus	20kW
	Large Focus	50kW
Collimator	Mode of adjustment	Manual
	Power	24VAC
	Inherent Filtration	1.2mmAL
Digital Detector	Scanning Area	17 × 17 inches
	Spatial Resolution	not less than 3.9lp/mm
	Total Pixel Matrix	3,328(h) × 3,328(v)
	Pexel Pitch	127
	Image Preview Time	not more than 2s
DR Machine Frame	Range of horizontal movement of bed	≥250mm
	Rang of Vertical movement of bed	≥825mm
	Tabletop Size (Length×Width×Height)	2100mm×825mm×655mm
	Mode of Operation	Manual or electronic
	Load-bearing	Less than 250kg
Computer and LCD	CPU	≥2.8GHz
	Memory	≥2GB
	Disk Capacity	≥250GB
	Medical LCD	19 inch

DIGITAL PORTABLE X-RAY SYSTEM

XM-P40A

SPECIFICATION

- Input power: Voltage: AC220V±22V Frequency: 50/60Hz±1Hz
- Maximum output power: P =110kV×36mA=4kW
- Nominal power: 100kV, 40mA, 0.1s, 4kW
- kV adjusting range: 40kV~110kV,Continuous adjustment step 1 kV
- mA adjusting range: 36mA~60mA
- mAs adjusting range: 1mAs-190mAs, Shifted adjustment
- s adjusting range: 0.04s~3.2s
- X-ray tube: Brand:Toshiba Focus :0.6/1.6mm; Anode heat capacity: 76kHU
- Rayence digital detector 17×17inch: Scintilatolr:Csl Direct Deposit; Pixel Matrix: 3,328×3,328; Limit resolution: Max.3.9LP/mm; A/D Conversion:14bit; Weight:4.1Kg
- Laptop: Model: Lenovo; CPU: Intel Core i5; Memory capacity: 4GB; Screen size: 14 inch
- Anatomy program : 48 kinds of memory choices
- X-ray machine size: 290×260×230mm
- X-ray machine Weight: 18.8kg
- Accessory: Standard:hand switch,remote control, suitcase,machine frame

MAMMOGRAPHY SYSTEM

XM-3000

SPECIFICATIONS

Model		XM-3000
High Voltage Generator	High frequency constant voltage	40 kHz
	Voltage range	20-39kVp, 1kV step
	Max. Current:	100mA, big focus; 20mA, small focus
	Max. Output power	2.4KW
	Exposure condition control	Manual/Auto
C arm	Rotating angle	-160°~+180°
	SID	65cm Fixed
	Anti-scatter grid:	Carbon based fine plate
	Cassette size	240×300mm
X-ray Tube	Dual focus	0.1mm/0.3mm
	Anode heat capacity	300KHU (Italy IAE tube)
	Anode type	Rotating Anode
	Anode material	Mo
Resolution	Space Resolution	≥20Lp/mm
	Density resolution	≤1.19mm
	Minimum calcify resolution	≤130μm
Compressor	Manual/Auto	Auto (motor)
	Compression force/method	Max.18Kg/Auto,three, speeds,flexible, fast pressure release
	Compression force display	LED
	Compressor paddle movement range	5 - 240mm
Dimensions	Gantry	11300mm×970mm×2010mm
	Console	600mm×520mm×1200mm
	C-arm vertical movement range	530mm
	Overall weight	389kg
Power		220 VAC±10%, 50 Hz±1 Hz

AUTOMATIC X-RAY FILM PROCESSOR

PLX-380H

SPECIFICATIONS

Model	PLX-380H
Film Format	X-ray, CT, MRI and other medical films
Film Size	3" x 6" ~ 14" x 17"
Maximum Processing Width	14'
Adjustable Processing time	25s, 35s, 45s
Processing Speed	90s ~ 165s (optional)
Drying Temperature Adjustment	40~60°C
Liquid Chemical Cooling Temperature Adjustment	20~40°C
Maximum Processing Capacity	80pcs (14'x17'), 120pcs (10'x12')
Tank Capacity	6L
Replenishment System	Automatic
Power Supply	AC220V, 50Hz/10A single-phase
Noise Level	≤55db

SPECIFICATIONS

Model	PLX-435L
Film Format	X-ray, CT, MRI and other medical films
Film Size	3" x 6" ~ 14" x 17"
Maximum Processing Width	17'
Adjustable Processing time	20s~90s
Processing Speed	90s~360s
Drying Temperature Adjustment	40~80°C
Liquid Chemical Cooling Temperature Adjustment	20~40°C
Maximum Processing Capacity	160pcs (14'x17'), 180pcs (10'x12')
Tank Capacity	9L
Replenishment System	Automatic & Manual
Power Supply	AC220V, 50Hz/10A single-phase
Noise Level	≤55db

PLX-435L

PORTABLE ULTRASOUND SCANNER

PT6602

SPECIFICATION

- 10 inch LED Monitor
  All digital ultrasound imaging technology
- 2 Activated Transducer Ports
- 200 frames image storage
- Software packages: Abdomen, Cardiac, Obstetrics, Gynecology, Urology, Small Parts
- Automatical report generation
- Printing report and image directly by laser printer
- Supporting Pseudo-colors
- Data Interface: Video USB2.0 VGA
- Imaging Modes: B, 2B, B/M, M, 4B
- Full Digital Imaging Technology
- Speckle Noise Reduction Technology
- Tissue-specific Imaging Technology
- Tissue Harmonics Imaging Technology
- Real-time Dynamic Focus Technology
- Probe Port & Holder
  Probe Ports: 2Activated Ports
  Probe Holders: 2 Probe Holders
- Measurements
  Generic, Abdomen, Gynecology, Organ, Cardiology, Obstetrics (Q KEY)

PT6600

COLOR DOPPLER

SPECIFICATION

- **Application**
  Abdomen / Obstetrics / Gynecology / Urology / Andrology / Small Parts / Vascular / Pediatrics / Musculoskeletal
- **Connectivity/Media/Peripherals**
  15" LCD Monitor
  Transducer Ports: 1
  USB Ports: 2
  Hard Disc: 60GB (SSD)
  120G/256GB SSD (Optional)
  Footswitch: USB
  Ethernet Port: 2(100Mb/1000Mb)
  External Display: VGA
  HDMI
  USB Printer
  Digital Laser Printer
  Digital B/W Thermal Printer
- **Cine/Image Memory**
  Cine Memory: 1200 frame
  Cine Review Speed: 1-5
  Cine Review Loop
  Cine Capture Function
- **Technology**
  Panoramic Imaging Tech
  All-digital signal processing Tech
  Multibeam formation Tech
  Speckle Reduction Tech
  Tissue Harmonic Imaging Tech
  Dynamic Tissue Optimization Tech
  Duplex & Triplex Synchronous Display
  Directional Power Doppler
  Imaging Parameters Preset
- **User Interface**
  Intuitive Windows-based operating principles
  User-centric control panel with Home-Base layout and control customization
  On/Off task light and back-lit illumination of control panel
  Variable brightness indicates active state of function keys
  Easily accessible, full size QWERTY keyboard for text entry, function keys and system programming
  Cine Playback,Multiple Arrows,-Configurable Worksheets,Exam Review,Pictograms (Body Marks),System Setup Menu
- **Imaging Modes**
  B, 2B, 4B, M, B/M, B/C, B/D, B/C/D, B/CFM/D, PDI
  Color, Dual Color
  Simultaneous 2D/Color Compound PW, Duplex/Triplex
  CFM, CDE, PD, Directional PD, CD
- **Analysis Packages**
  Basic / Obstetrics / Gynecology / Urology / Andrology / Peripheral Vascular / Venous / Small Parts / Orthopedic

PORTABLE ULTRASOUND SYSTEM

SPECIFICATION

- Cutting edge imaging processing technology, capable of generating incredible ultrasound images
- 12.1" High definition LCD monitor, 0-90 degree adjustable angle
- Supports more than 1000 frames image storage
- Measurement Packages: Abdomen, Cardiac, Obstetrics, Gynecology, Urology, Small Parts
- 2 Transducer Ports
- 7 Selectable Pseudo Colors
- Optimization Key: multi-parameter presets and single key image optimization
- Integrated smart workstation: greater storage and convenient data management
- Built-in Lithium battery supports at least 2 hours of continuous work
- Connectivity: Video, S-Video, USB 2.0 (Double), VGA, RS-232, RJ45

PT6150

DIGITAL ULTRASOUND SYSTEM

SPECIFICATION

- Film Format: X-ray, CT, MPI & other medical films
- Cutting edge imaging processing technology, capable of generating incredible ultrasound images
- Freely adjustable 15" LCD monitor
- 3 Transducer Ports
- Measurement Package: GY/OB, Abdomen, Cardiac, Urology, Small Parts
- More than 1000 frames image storage
- FSI/THI/TSI
- Optimization Key: multi-parameters presets and single key image optimization
- Built-in Lithium battery supports at least 6 hours of continuous work
- 7 Selectable Pseudo Colors
- Connectivity: Video, S-Video, USB 2.0 (Double), VGA, RS-232, RJ45

PT6102

2D PORTABLE COLOR DOPPLER ULTRASOUND DIAGNOSTIC SYSTEM

SPECIFICATION

- Imaging & Display Modes: B, 2B, 4B, B/M, M; B/C, B/C/C, B/D, CFM, PRF, PW, velocity, power direction, histogram; Triplex/Duplex

IMAGING PROCESSING TECHNOLOGY

- Imaging optimization technology, Compound enhancement technology
- Multi-beam parallel processing technology
- Itouch™
- Tissue harmonic imaging
- Transducer: electronic convex, linear, trans-vaginal
- Wide band, multi frequency
- Standard configuration: main Unit, 3.5MHz convex transducer, 15" LCD display, 2 transducer connectors, hard Disk (500G), 2 USB ports.

PT9600

OPTIONAL

- 3.5MHz cardiology transducer
- 6.5MHz Trans-vaginal transducer
- 7.5MHz linear transducer
- DICOM 3.0
- Trolley
- Video printer
- Laser printer

4D COLOR DOPPLER ULTRASOUND DIAGNOSIS SYSTEM

PT400

SPECIFICATION

- **Imaging Modes**
  B, 2B, 4B, B/M, M, CFM, PW Mode, Power Doppler/Directional PD, Trapezoidal, Real-time 4D (Optional), Chroma B/PW, CW (Optional)
- **Transducers**
  Convex transducer
  Linear transducer
  Trans-vaginal transducer
  Phased array transducer
  Micro-convex transducer
  4D volume transducer
- **Measurement & Report Packages**
  OB/GYN, Vascular, Urology, Small parts, Cardiac
- **Professional Clinical Applications**
  Abdominal, Obstetrics, Gynecology, Cardiac, Vascular and Small parts, Pediatric, Urology, Musculoskeletal
- **Standard Configuration**
  Main unit, 19" LCD, 4 probe connectors, Hard disk (320GB), DVD-RW, 6 USB ports
- **Image Processing Technology**
  THI
  Speckle Reduction Algorithm (SRA)
  Compound technology
  I-image: image optimization software
- **Optional**
  2.5MHz-5.3MHz Convex transducer
  5.0MHz-10.0MHz Linear transducer
  4.0MHz-10.7MHz Linear transducer (60mm)
  4.0MHz-10.0MHz Trans-vaginal transducer
  4.0MHz-10.7MHz Trans-vaginal transducer
  2.5MHz-4.0MHz Phased array transducer
  4.0MHz-10.7MHz Micro-Convex transducer
  2.5MHz-6.4MHz Micro-Convex transducer (Adult Cardiac)
  3.5MHz-8'0MHz Micro-Convex
  CW & ECG
  4D package: including 2.5MHz-53MHz 4D volume probe, 4D software and 4D hardware module
  Video printer (SONY UP-X898MD), PC printer (HP Pro P1102W & HP Pro 200 M251n & Canon selphy cp910)
  DICOM 3.0 & Foot-switch
  I-Image: image optimization software
  Biopsy Kit: for convex, linear, TV probe

4D PORTABLE COLOR DOPPLER

PT405

SPECIFICATION

- **Imaging Modes**
  B, 2B, 4B, B/M, M, CFM, PW mode, Power Doppler/Directional PD, Duplex, Trapezoidal, Real-time 4D (Optional), Chroma B/PW
- **Transducers**
  3.5MHz convex transducer
  7.5MHz Linear transducer
  6.0MHz Trans-vaginal transducer
  4.0MHz 4D Volume transducer
  7.0MHz Trans-vaginal transducer (180°)
  3.0MHz Micro-convex transducer (adult; cardiac)
  5.0MHz Pediatric transducer
  Wide band, multi-frequency
- **Measurement & Report Packages**
  OB/GYN, Vascular, Urology, Small parts, Basic cardiac
- **Professional Clinical Applications**
  Abdominal, Obstetric, Gynecology, Vascular and Small parts, Pediatric, Urology, Musculoskeletal
- **Standard Configuration**
  Main unit, 15'' LCD, 2 transducer connectors, Hard disk, 2 USB ports, Video out, TV out, LAN port, VGA out
- **Image Processing Technology**
  THI on convex transducer
  Speckle Reduction Algorithm (SRA)
  Compound technology
  I-image: image optimization software
- **Optional**
  3.5MHz Convex transducer
  7.5MHz Linear transducer
  6.0MHz Trans-vaginal transducer
  7.0MHz Trans-vaginal transducer (180°)
  3.0MHz Micro-convex transducer (adult; cardiac)
  5.0MHz Pediatric transducer
  4D package: including 4.0MHz 4D volume transducer, 4D software and 4D hardware module
  Video Printer: SONY UP897MD
  PC Printer (any type)
  DICOM 3.0
  I-image: image optimization software
  Biopsy kit: for convex, linear, TV prove
  Foot-switch

OTHER MEDICAL IMAGING EQUIPMENT

X-RAY FILM

X-RAY RADIOGRAPHIC CASSETTE

X-RAY FILM ILLUMINA-TOR

X-RAY FILM SAFETY LIGHT

LEAD VEST

LEAD APRON

LEAD GLOVES

LEAD SCREEN

INTENSIFYING SCREEN

LEAD GLASSES

LEAD-SHEET

X-RAY DOSIMETER

HEMODIALYSIS DEVICE

SPECIFICATION

- **User Friendly Operation**
  10" LCD touch screen
  Automatically activates treatment program when blood is detected flowing through
  Auto self test, prime, rinse, disinfection, hot disinfection, treatment and power off, etc
  Records in table and graphs
- **All-Around Security System**
  Conductivity
  Temperature
  Air bubble & Blood level
  Blood leakage
  Blood pressure
  Arterial, Venous & TM Pressure
  Anti-coagulation
  Backup battery
- **Precise UF System**
  Classic waterway system controls the UF precisely
  Double circulation waterway system to prevent cross-infection
- **Powerful Functions**
  Na+, UF & HCO_3- Profiles
  Suitable for any dialysate formula
  Dialysate flow linearly adjustable Kt/V
  Optional: Bicarb-cartridge holder, Pyrogen filter port, Network connection, etc

AUTOMATIC HEMATOLOGY ANALYZER

HA6880

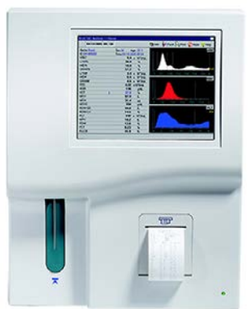
5-DIFF

SPECIFICATION

- Research Parameters: BLAST#, IMM#, LEFT#, ABNLYM#, NRBC#, BLAST%, IMM%, LEFT%, ABNLYM%, NRBC%
- Parameters: WBC, RBC, HGB, HCT, MCV, MCH, MCHC, PLT, NEU%, LYM%, MON%, EOS%, BAS%, NEU#, LYM#, MON#, EOS#, BAS#, RDW-SD, RDW-CV, PDW, MPV, PCT, P-LCR
- Test Principle: Semiconductor laser flow cytometry combined with cytochemical staining, impedance, environmental friendly cyanide-free colorimetry
- Analysis Mode: CBC mode, CBC+-DIFF mode
- Throughput: CBC mode: 80 samples/hour, CBC+DIFF mode: 80 samples/hour
- Sampling Device: Automatic sampling coupled with emergency access position (4 types tube are accessible)
- Display: External computer Sample Type: Whole blood, pre-diluted blood
- Storage Capacity: Stores up to 100,000 patient results; scatter plot, histogram and patient info. Multiple QC methods; X, X-B, L-J, X & L-J, totaling 12 documents & 400 results (X-B saves 1000 results)
- Reporting Format: A variety of print formats can be pre-programmed. User-defined formats also available
- Connectivity: USB and Ethernet ports supports; USB drive, printer, mouse, keyboard and many others
- Operating Temperature: 18~30˚C
- Relative Humidity: <75%
- Power Supply: 100-240V 50Hz/60Hz

HA6700

3-DIFF



SPECIFICATION

- Test Principle: Electrical resistance for counting, hemiglobincyanide method and SFT method for hemoglobin
- Parameters: 3-part differential of WBC; 20 parameters+3 color histograms (WBC/RBC/PLT)
- Sample Volume: Venous Mode: 9.6μL; Capillary Mode: 9.6μL; Pre-diluted Mode: 20μL
- Operating Mode: Double passage counting detection with independent HGB measurement system; 24-hour automatic standby
- Operating Method: Windows operation system with keyboard & mouse
- Throughput: ≥60 samples/hour
- Storage Capacity: 35,000 sample records including histograms
- QC Mode: L-J, mean, X-B, SD, CV, QC
- Carryover: WBC/RBC/HGB<0.5%, PLT<1%
- Reference Values: neonatal, pediatric, female, male, standard and customized

PERFORMANCE

Precision (CV%)	Linear Range
WBC≤2.5%	0.00-99.9×10^9/L
RBC≤2.0%	0.00-9.99×10^{12}/L
HGB≤1.5%	0-300g/L
MCV≤0.4%	40-150fL
PLT≤5.0%	0-999×10^9/L

- Connectivity: 2xUSB, 1xparallel (for external printer), 1xVGA (for external monitor), 2xPS/2, 2xRS-232(for network)
- Display: 10.4" LCD, resolution: 640x480
- Printer: Built-in thermal recorder, optional external printer, 8 reporting formats
- Operating Temperature: 15°C~35°C
- Relative Humidity: 10%-90%
- Power Supply: AC100-240V 50/60Hz

HA5000

3-DIFF

SPECIFICATION

- 3 part differentiation of WBC, 21 parameters +3 histograms
- Double apertures for WBC and RBC/PLT separately
- Whole blood and pre-diluted counting modes available for different patients' sample requirement
- 60 samples/hour throughput
- Storage capability of up to 20000 sample results with histograms
- 8 inch colored touch screen,support keyboard and mouse
- Standard inside thermal printer, printer port and other enhanced functions
- Bar code scanner(optional)
- Parameters: WBC, LY#, MID#, GR#, LY%, MID%, GR%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT,MPV, PDW, PCT, P-LCR, P-LCC and Histogram for WBC, RBC, PLT

PERFORMANCE

Parameter	Linearity Range	Precision (CV%)
WBC(10^9/ L)	0.0-100.0	2.0(4.0-10.0)
RBC(10^{12}/L)	0.0-9.99	1.5(3.50-5.50)
HGB(g/L)	0-300	1.0(110-160)
PLT(10^9/L)	0-1000	5.0(100-300)

- Method: Coulter Principle; Colorimetry hemoglobin determination
- Throughput: 60 test/hour
- Display: 8.0" color touch screen display
- Sampler Volume: Predilute: 20μL; Whole blood: 10μL
- Reagent information and residual display
- Carryover: WBC≤1.5%, RBC, HGB<1.0%, PLT≤ 2%
- Input and Output: 1 RS232, keyboard, Mouse; 4 USB, LAN
- Printout: Built-in thermal printer

SEMI-AUTOMATIC CLINICAL CHEMISTRY ANALYZER

BA-733 PLUS

SPECIFICATION

- Light Source: 6V/10W Halogen lamp, Bulb Life: >3000 hour
- Linearity Range: 0.000-3.000 Absorbance
- Standard Wavelength Filter: 340nm, 405nm, 505nm, 546nm, 578nm, 620nm, 670nm, and 1 free position for an additional filter
- Band Width: <8nm
- Cross Contamination Rate: <1%
- Assay Method: kinetics, bichromatic, end-point, differential, fixed time, multi-standard
- Retesting: retesting defined by user, calculate mean value, SD and CV
- Delay & Reading Time: 3~999s (programmable)
- Quality Control: QC results stored in memory, QC plot printable
- Optical Detection Element: photocell
- Display: 240x128 LCD display
- Measurement Method: 32μl flow cell (or optional cuvette), diameter; 1cm
- Aspiration Volume: 200-2000 at 32μl
- Temperature Control: 25˚C, 30˚C, 37˚C, controlled by peltier element
- Language: English and other languages on request
- Printer: built-in thermal printer, RS232 interface for PC connectivity
- Power Supply: AC220V/110V+10%, 50/60Hz
- Power Consumption: <50VA
- Operating Temperature: 10˚C-40˚C
- Relative Humidity: <85%

AUTOMATIC CLINICAL CHEMISTRY ANALYZER

SPECIFICATION

- **Assay Method**
  End-point, kinetic, two-point, double-reagent, double-wavelength, multi-standard and other assay methodologies, open to various reagents
- **Reaction System**
  Reaction Cuvette: 60 acrylic pieces
  Optical Length of Cuvette: 6mm
  Reaction Volume: 150~400μl
  Reaction Time: 8-12 minutes
  Reaction Temperature: 37±0.1°C
- **Calibration**
  Type: linear/nonlinear multi-points calibration
  Retesting: Samples are retested automatically if the result is outside of linearity range or is deemed insufficient
- **Sample/Reagents Handling**
  Sample Volume: 1-50μl, 0.5μl/step
  Sample Dilution: automatic/Manual pre-dilution, with dilution ratio up to 1: 100
  Reagent Position: 26 pieces (with refrigeration function, 2-8°C)
  Reagent Volume: 180-600μl, 1μl/step
- **Optical System**
  Light Source: halogen-tungsten lamp
  Optical Wavelength: 300-800nm, 8 wavelengths, precision±2nm
  Absorbance Range: 0~3.0 Absorbance
  Optical Resolution: 0.001 Absorbance
  Rear spectrophotometry
  Operation System: Windows XP

BA-220

200 TEST/HOUR

SPECIFICATION

- **System Functions**
  Analysis Method: end-point, kinetic, two-point, double-reagents, double-wavelength, multi-standard etc, open to various reagents
  Throughput: 400 tests/hour
- **Sample/Reagents Handling**
  Sample Position: 93 pcs (Include standard, QC, STAT positions)
  Sample volume: 2-50μl, 0.1μl step
  Sample Dilution: automatic/Manual pre-dilution, with dilution ratio up to 1:100
  Reagent Position: 80 pcs (With refrigerated function, 2-8°C)
  Reagent Volume: 10-500μl, 1μl step
- **Reaction System**
  Reaction Cuvette: 90 pcs
  Optical Length of Cuvette: 6mm
  Reaction Volume: 200~500μl
  Reaction Temperature: 37±0.1°C
- **Optical System**
  Light Source: halogen-tungsten lamp
  Wavelength: 300-800nm,12-15 wavelengths, precision ±2nm
  Absorbance Range: 0~4.0Abs
  Spectrophotometry: rear spectrophotometry
- **Bar-code Reader and ISE Module (Optional)**
  Bar-code reader used for sample/reagent programming
  K, Na, Cl, Ca, PH (5 items); Throughput: up to 300 tests/hour
- **Calibration**
  Calibration: linear/nonlinear multi-points calibration
  Re-test: retest the sample automatically when the result is out of the linearity range or the sample is not sufficient
- **Working Condition**
  Power Supply: ~100-240V, 50/60Hz, 1KVA
  Temperature: 10-35°C
  Humidity: ≤90%, no dew
- **Operation Unit**
  Operation System: Windows XP or Windows 2000
  Interface: RS-232 interface

BA-960

400 TEST/HOUR

BLOOD COAGULATION ANALYZER

BCA-2000/BCA-2000B

SPECIFICATION

- Testing Methods: Prothrombin Time (PT), Activated Partial Thromboplastin Time (APTT), Thrombin Time (TT), Fibrinogen Concentration (FBG)
- Clotting Factors: Clotting factors can be expressed as time (in seconds), ratio or INR
- Measuring System: Photometric
- Light Source: Tungsten lamp
- Magnetic Stirring Motor: For measuring cuvette
- Data Input: Membrane keypad
- Display: Rear-illuminated LCD display
- Printer: Built-in thermal printer
- Language: English and other languages on request
- Power Supply: AC110V/60Hz or 220V/50Hz

TECHNICAL DIFFERENCES

Model	BCA-2000	BCA-2000B
Reading Channel	Single	Double
Built-in Incubator	37°C±0.2°C, capacity: 16 positions for samples and 2 positions for reagents	37°C±0.2°C, capacity: 2x16 positions for samples and 2x2 positions for reagents

MICROPLATE READER

MR-960

SPECIFICATION

- Plate Format: 48 to 96 well plates or strips
- Reading Speed: 96 wells; 5s
- Light Source: Cold light source
- Wavelength Range: 340-750nm
- Filters: 405nm, 450nm, 492nm, 630nm, 4 open positions
- Linearity Range: ±1% (0.000~2.000 Absorbance)
- Measurement Mode: monochromatic, bichromatic
- Shaking: time & speed adjustable
- Display: 240x128 LCD display
- Interface: bidirectional LIS interface for data transfer and handling
- Power Supply: AC220V/110V±10%, 50/60Hz

MICROPLATE WASHER

MW-520B

SPECIFICATION

- Plate Format: 48/96 well and strips (U, V, plate bottom)
- Residual Volume: <2μl
- Dispense Volume: adjustable from 50-900μl
- Wash Cycles: 1-16 (optional)
- Wash Mode: From 1 to 12 (row and rank selectable)
- Soak Time: up to 990s (adjustable)
- Shake Time: up to 990s (adjustable)
- Display: large LCD display
- Channel: 3 channels for washing liquid, 1 channel for waste liquid
- Storage Capacity: store up to 100 programs
- Connectivity: RS232

URINE ANALYZER

UA-200B

SPECIFICATION

- Testing Method: super-high luminosity cold light reflection
- Testing Parameters: Leucocyte (LEU), Nitrite (NIT), Urobilinogen (UBG), Protein (PRO), pH, Blood, Specific Gravity (SG), Vitamin C (VC), Ketone (KET), Bilirubin (BIL), Glucose (GLU)
- Monochromatic wavelength of 558nm, 635nm and 720nm
- Throughput: 120 tests/h
- Automatically absorbs excess urine, prevents cross contamination of urine samples
- Built-in thermal printer, with outer stylus printer interface
- Memory Size: 1000 test results
- RS232 connectivity
- Data Communication Interface Baud Rate: 9600bps
- Operating Temperature: 0-40°C, Relative Humidity: <85%
- Power Supply: AC220V (±15%), 50-60Hz
- Power Consumption: ≤60W
- Applicable Strips: URS-11, 50 strips/bottle

URS-11; Leucocyte, Nitrite, Urobilinogen, Protein, PH, Blood, Specific Gravity, Ascorbate, Ketone, Bilirubin, Glucose

ESR ANALYZER

ESR-2068A

SPECIFICATION

- Number of Testing Samples: 10 items simultaneously
- Maximum Throughput: 20 samples/hour
- Suitable ESR Tube: 1.6ml ESR tube (vacuum or normal)
- Sample Volume: 1.6ml anticoagulant blood (blood 1.28ml+anticoagulant 0.32ml)
- Accuracy Range of Sample: 50mm-64mm
- Read Resolution: ±0.2mm (Westergren method result±1mm)
- Reading Interval: 1 minute
- Repeatability: CV<3%
- Testing Duration: 30 minutes (Westergren 1 hour); 60 minutes (Westergren 2 hour)
- Measurement Range: 0-140mm/h (Westergren method)
- Testing Pertinence: for Westergren method result, the linear coefficient r≥0.98
- Testing Accuracy of Crate Temperature: no more than±2.5°C between 15°C-30°C
- Display: 128x240 LCD display
- Power: 12V (SELV) by external power supply

EA-2000B

TECHNICAL SPECIFICATIONS

Model	EA-2000B			
Measuring item	K+, Na+, Cl-, Ca, pH			
Calculating item	nCa, TCa			
Measuring parameter	Measuring item	Measuring scope (mmol/L)	Resolving power (mmol/L)	Repeatability error
	(K+)	0.50~15.00	0.01	CV≤1.0%
	(Na+)	30.0~200.0	0.1	CV≤1.0%
	(Cl-)	30.0~200.0	0.1	CV≤1.0%
	(Ca2+)	0.10~5.00	0.01	CV≤1.0%
	pH	4.0~9.0	0.01	CV≤1.0%
Measuring time	Measuring time: 25s Time for sampling, measuring, washing and printing: 40s			
Sample size	100μL(manual positioning 60μL)			
Data storage	10000 It will refresh automatically if it is full			
Communication interface	232 interface			
Display	240×64 LCD			
Printer	58mm thermal printer			
Power supply	AC220V±22V 50Hz 25W			
Size	380mm×290mm×310mm			
Weight	6Kg			
Measuring method	ISE			
Measuring condition	Temperature: 10°C~32°C Relative humidity ≤85%			

ROTARY MICROTOME

202A

SPECIFICATION

- Easy-to-clean housing
- Blade holder can be moved forward-or-backward and left-or-right resulting in easy trimming and sectioning operations
- LCD screen shows the number of sections and trims; equipped with a safety alert system
- Section thickness range: 0-25μm for continuous sectioning
- The sectioning thickness can be set at any value >25μm
- Minimum Setting of Sectioning Thickness: 1μm
- Maximum Specimen Size:40×30mm
- Precision Error: ±5%
- Dimensions: 340×335×270mm (W×D×H)
- Net weight: 18.5kg

2258

SPECIFICATION

- Section Thickness Setting Range: 0-60μm
- Section thickness setting: 0-60μm
  0-2μm increment 0.5μm
  2-10μm increment 1μm
  10-20μm increment 2μm
  20-60μm increment 5μm
- Precision Error: ±1%
- Minimum Setting of Sectioning Thickness: 0.5μm
- Maximum Specimen Size: 60×50mm
- Total Horizontal Specimen Feed: 24 mm
- Vertical Specimen Stroke: 52 mm
- Specimen Retraction: 0 - 28 mm
- Trimming Thickness: 1 - 60μm
- Dimensions: 565×440×285mm (W×D×H)
- Net weight: 27kg

TISSUE EMBEDDING CENTER

BM

SPECIFICATION

- Fully programmable computer controls allow automatic system start and stop anytime (weekly)
- Temperature is controlled by microprocessors made in the USA and they are displayed using color-changing LEDs to enable clear visibility of working status
- Five heated areas, including Paraffin Chamber, Paraffin Dispenser, left and right Thermal Storage Compartments, and heating plate (working area), are individually controlled and work independently without interference from each other
- Flexible heating mechanism overcomes the shortcomings of traditional technology that can result in excessive temperature differences. System provides fast heating and precise temperature control. In addition, the dual-protection from overheating is safe, reliable and energy-saving
- Automatic memory and restoration functions: After startup, all preset temperature data are automatically stored in the system
- Flexible module configuration options through a design which separates the Cryo Module from Embedding Module
- Safe and reliable low-voltage illumination system
- Heated working plate and forceps wells make tissue embedding more convenient
- Large granite working area eases the cleanup of excessive paraffin

WATER BATH

WB-P

SPECIFICATION

- Quick heating, long lifespan and energy saving, due to the use of a new-type heating element
- Both actual and preset temperatures are displayed
- Automatic memory and restoration functions: After startup, all preset temperature data are automatically stored in the system
- Special black surface material characterized by its strong resistance to abrasion and corrosion

ROAST MACHINE STALLS

PII

SPECIFICATION

- Pure-green digital display for real-time direct monitoring of heating temperature, clear and easy to operate; all parameters including preset temperatures, working temperatures, and wording status are real-time displayed
- Temperature is automatically program-controlled by single-chip microprocessors made in USA
- This device featured with multiple functions and its easy setting operation can meet the needs of different users as much as possible
- DC low-voltage illuminating system and removable transparent heating dish: easy operation and convenient observation
- New heating mechanism using a new-type high-thermal-conductivity heating element provides even and quick heating
- PID-controlled
- Triple temperature controls
- Long lifespan, safe, reliable and energy-saving
- Temperature is precisely and reliably measured by temperature-sensing integrated blocks made in USA, and all settings are automatically stored in the system
- The surface of the temperature-controlling probes is made with special black material to enable strong resistance to abrasion and corrosion, fast conductivity, and real-time measurement
- Automatic memory and restoration functions: After startup, all preset temperature data are automatically stored in the system

SLIDE DRYER

SD-H

SPECIFICATION

- Quick heating, long lifespan, and energy-saving, due to the use of a new-type heating element
- Both actual and preset temperatures are displayed
- Automatic memory and restoration functions: After startup, all preset temperature data are automatically stored in the system
- Special black surface material characterized by its strong resistance to abrasion and corrosion

PARAFFIN DISPENSER

BMR

SPECIFICATION

- Temperature Range: Continuously adjustable within 0~100°C
- Temperature control precision: ±1°C
- Capacity: 10000ml
- Working Voltage: AC 220V±10% 50Hz (standard model); AC110V±10% 60Hz
- Power: 1200W
- Dimensions: 355×410×540mm (W×D×H)
- Net weight: 16kg

AUTOMATED TISSUE PROCESSOR

TS1A

SPECIFICATION

- Number of Cups: 12 (9 for reagents, 3 for paraffin)
- Capacity of Each Cup: 700 ml
- Length of Processing Time in the Cup:
  Any length between 0 and 99 hours for the first cup
  Any length between 0 and 24 hours for the other cups
- Temperature Range: RT - 80°C
- Dripping Time: Approximately 30 s
- Frequency of Agitation: 2 times/minute
- Tissue Protection Cup: at the 7th station
- Working Voltage: AC220V±10% 50Hz (standard model) AC110V±10% 60Hz
- Power Requirements: 500 W
- Heating Control: heating automatically begins when the tissue enters the 2nd cup, thus avoiding unnecessary energy waste
- Dimensions: 795×435×415 mm (W×D×H)
- Weight: 50kg

OTHER LABORATORY EQUIPMENT

CENTRIFUGE

MICROSCOPE

BIOCHEMICAL INCUBATOR

WATER BATH

VORTEX MIXER

OSCILLATOR

SPECTROPHOTOMETER

MICROCENTRIFUGE

PIPETTE

ELECTRONIC BALANCE

PH METER

BLOOD REFRIGERATOR

HIGH SPEED REFRIGERATED CENTRIFUGE

ELECTROTHEMAL STABLE TEMPERATURE INCUBATOR

CO_2 INCUBATOR

DIGITAL MICROSCOPE

INFANT INCUBATOR

BI-3000

BI-1000

BI-800

SPECIFICATIONS

Model	BI-3000	BI-1000	BI-800
TECHNICAL SPECIFICATIONS			
Temperature Mode (Servo Controlled)	air, infant	air, infant	air
Air Temperature Adjustment Range	20°C~37°C, 37~39°	20°C~37°C, 37~39°	20°C~37°C
Infant Temperature Adjustment Range	30°C~37°C, 37~38°	30°C~37°C, 37~38°	N/A
Infant Sensor Accuracy	≤0.3°C	≤0.3°C	N/A
Relative Humidity Display Range	5%~99%	N/A	N/A
Temperature Fluctuation	≤0.5°C	≤0.5°C	≤0.5°C
Uniformity of Mattress Temperature	≤0.8°C	≤0.8°C	≤0.8°C
Time to Warm Up	≤30min	≤30min	≤30min
Noise Level within Canopy	≤55dB	≤55dB	≤55dB
ALARMS			
Power Failure Alarm	Yes	Yes	Yes
Fan Failure Alarm	Yes	Yes	Yes
Sensor Failure Alarm	Yes	Yes	Yes
Air Temperature Deviation Alarm	±3.0°C	±3.0°C	±3.0°C
Infant Temperature Deviation Alarm	±1.0°C	±1.0°C	N/A
Air Temperature Exceeds set Limit Alarm	≤38.0°C; ≤40.0°C	≤38.0°C; 40.0°C	≤38.0°C
Infant Temperature Exceeds set Limit alarm	≤38.0°C; ≤39.0°C	≤38.0°C; 39.0°C	N/A
System Failure Alarm	Yes	Yes	N/A
Mute Alarm Function	Yes	Yes	N/A
OTHER SPECIFICATIONS			
RS-232 connector	Yes	Yes	N/A
Tilt of Infant Bed (Adjustment Range)	±10° step-less	±10° step-less	N/A
Maximum Load of Mattress Tray	5kg	5kg	5kg
Maximum Load of IV Stand	2kg	2kg	2kg
Maximum Load of Cabinet	6kg	6kg	6kg
CANOPY SPECIFICATIONS			
Mattress (canopy)	450mm	450mm	450mm
Access Port	6 (2 Iris ports)	6 (2 Iris ports)	4 (2 Iris ports)
Self-sealing Tube Ports	4	4	2
Front Access Panel	826x310mm	826x310mm	826x310mm
Mattress Tray Size	630x360mm	630x360mm	630x360mm

TRANSPORT INFANT INCUBATOR

BI-2000T

SPECIFICATION

- AC Power Supply: AC220V-230V, 50Hz
- DC Power Supply: DC12V/10A or DC24V/6A
- Input Power: 400VA
- Control Mode: air mode & baby mode controlled by micro-computer
- Control Range of Air temperature: 25°C-37°C (override mode 37-38°C)
- Control Range of Infant Temperature: 34°C-37°C (override mode 37-37.5°C)
- Failure Alarms: over-temperature alarm, temperature deviation alarm, sensor alarm, motorized fan failure alarm, power failure alarm and many more
- Accuracy of Skin Temperature Sensor: ≤0.3°C
- Temperature Variability: ≤1.0°C
- Temperature Uniformity: ≤1.5°C
- Noise Level within Canopy: ≤60dB(A)
- Operating Time of Internal Battery: 90 min (1 internal battery)

STANDARD CONFIGURATION

- Full-featured incubator able to converts from incubator to radiant warmer
- Main Unit (Acrylic glass canopy, temperature controller, bassinet, internal battery, and observation lamp), oxygen cylinders, oxygen supply system, skin temperature sensor, IV stand, mattress, adjustable stand)
- Optional Configuration: >37°C Temperature Override Mode

INFANT RADIANT WARMER

IRW-300

FEATURES

- Pre-warming mode, manual mode and baby mode controlled by micro-computer
- LCD display with temperature data storage and curve display function
- Multiple failure alarm indication
- Horizon angle of heater head and bassinet inclination adjustable
- Built-in LED phototherapy function
- Panels around bassinet can be turned outward
- Silicon mattress is can be warmed and temperature is controllable
- APGAR timer
- Vertical Height Adjustment (VHA) stand

SPECIFICATIONS

- Power Supply: AC220V-230V/50Hz or AC110-120V/50-60Hz
- Maximum Power Output: ≤900VA
- Control Mode: pre-warming mode, manual mode and baby mode are controlled by micro-computer)
- Baby Mode Temperature Control Range: 34.5-37.5°C
- Adjustable Range of Mattress Warming: 25-38°C
- Temperature Uniformity of Mattress: ≤2°C
- Angle of Warming Module: ±60°
- Bassinet Inclination: maximum angle of upward tilt; 20°, maximum angle of downward tilt; 20°
- Accuracy of Skin Temperature Sensor: ±0.3°C
- APGAR Timer: emits audible tones at 1', 5; 10' increments
- Failure Alarms: over temperature alarm, deviation alarm, sensor failure alarm, power failure alarm, setting alarm, checking alarm and many more
- Maximum Bilirubin of Radiation on Mattress (effective range): 0.8mw/cm^2
- Bilirubin Uniformity of Radiation on Mattress (effective range): >0.4

STANDARD CONFIGURATION

- Main Unit (warming module, controller, bassinet, main column and VHA stand)
- Skin Temperature Sensor
- IV Stand
- Silicon Mattress
- Trays & Panels

IRW-100A

STANDARD CONFIGURATION

- Main body (including the Radiant source, Control system,Infant bed, Bracket)
- I.V.pole
- Skin temperature sensor
- Tray
- Mattress
- Transparent
- protector
- Castors
- RS-232

SPECIFICATION

- Power supply: AC110/220V 60/50Hz
- Power input: 900VA
- Environment temperature: 18°C-30°C
- Environment relative humidity: 30%-75%
- Atmospheric Pressure: 700-1060hpa
- Environment air velocity of flow: <0.3m/s
- Skin Temperature control range: 32°C-38°C
- Skin temperature control accuracy: ≤0.5°C
- Skin temperature sensor accuracy: ±0.3°C
- Mattress temperature uniformity: <2°C
- Warm-up time(from 25°C): <30min
- Distance from heater to mattress: 80cm
- Mattress size: 67cmX54cm

IRW-1000

IRW-2000

IRW-2000B

SPECIFICATIONS

Model	IRW-1000	IRW-2000	IRW-2000B
OPERATIONAL ENVIRONMENT			
Power Requirement	≤1000VA	≤1000VA	≤1000VA
Temperature Control Mode	Auto	Auto	Auto
Temperature Adjustment Range	25°C~37°C	25°C~37°C	25°C~37°C
Temperature Limit Override Mode	N/A	38°C	38°C
Temperature Sensor Accuracy	≤0.3°C	≤0.3°C	≤0.3°C
Uniformity of Mattress Temperature	≤2.0°C	≤2.0°C	≤2.0°C
Time to Warm Up	≤45min	≤45min	≤45min
Heat Output Indicate	0~100%	0~100%	0~100%
Transverse Rotation Range of Radiant Unit	0~±90° step-less	0~±90° step-less	0~±90° step-less
Mattress Tray Size	68cmx54cm	68cmx54cm	68cmx54cm
Mattress Tilt Adjustment Range	0~±10° step-less	0~±10° step-less	0~±10° step-less
Maximum Load of Mattress Tray	10kg	10kg	10kg
Maximum Load of IV Stand	2kg	2kg	2kg
Maximum Load of Shelf	2kg	2kg	2kg
X-ray Cassette	Yes	Yes	Yes
RS-232 Connector	N/A	Yes	Yes
Mattress of Radiant Unit	81cm	81cm	81cm
Heater Infrared Wavelength	1~3μm	1~3μm	1~3μm
APGAR Timer	N/A	Yes	Yes
ALARMS			
Power Failure Alarm	Yes	Yes	Yes
Sensor Failure Alarm	Yes	Yes	Yes
Temperature Deviation Alarm	±1.0°C	±1.0°C	±1.0°C
Temperature Exceeds Set Limit Alarm	≤38.0°C	≤38.0°C, ≤39.0°	≤38.0°C, ≤39.0°C
System Failure Alarm	N/A	Yes	Yes
Low-pressure Suction	N/A	N/A	Yes
Pressure Adjustment Range	N/A	N/A	0~22Kp (0~165mmHg)
Noise Level	N/A	N/A	≤55dB
White Phototherapy Light	N/A	N/A	1 set
7L Oxygen Cylinder (with Oxygen Manometer & Oxygen Flowmeter)	N/A	N/A	2 sets
Neonate Resuscitation Bag	N/A	N/A	1 set

INFANT PHOTOTHERAPY LAMP

IPU-100

SPECIFICATION

- Use blue tube or LED as light source
- LED Digital Timer: display therapy time & total LED usage time
- Adjustable mobile lifting stand, lamp unit can be tilted at 30°/60°/90°

IPU-200

SPECIFICATION

- LED light source
- LED Digital Timer: display therapy time & total LED usage time
- Standard alone jaundice treatment device, can positioned over any neonatal incubator that utilizes a transparent canopy

IPU-400

SPECIFICATION

- LED light source
- LED Digital Timer: display therapy time & total LED usage time

IPU-500

DOUBLE SIDE INFANT PHOTOTHERAPY UNIT

FEATURES

- Double side phototherapy for more effective radiation: Upside phototherapy and downside phototherapy can be use separately
- Three levels to adjust the irradiation: Low, Medium, High
- LCD screen of upside phototherapy unit displays therapy time with timer and countdown
- Downside phototherapy unit adopts blue LED bulbs source and independent air cooling fan
- Upside phototherapy unit adopts big blue LED bulbs, uniform, efficient and long life
- Protect boards of infant bed could be folded down for clinical use
- Light head of upside phototherapy unit can be adjusted 360° horizontally and 180°vertically
- Stand column could be adjusted ±360°
- Anti-rusty aluminum alloy base
- High irradiation, easy to operation and move
- With drawers and lockable castors
- The height of upside phototherapy is adjustable
- Automatically record total used therapy time

JAUNDICE METER

SPECIFICATION

- Display: LCD, 3 figures
- Power: AA 1.5V×2 batteries
- Indicator light for ready: Green
- Measurement range: 0.0mg/dL~30.0mg/dL
- Measurement accuracy: low+1.0mg/dL(+17μmol/L, rest±1.5mg/dL(±25.5μmol/)
- Preparation time: <12 seconds
- Record function: Memory 20 latest measuring results and circularly reviews recorded data
- Reexamination rate: <10%

DENTAL UNIT

DC330

SPECIFICATION

- Halogen lamp
- Pneumatic control system
- Chair position angle compensation
- PP soft backrest
- Emergency stop system
- Instrument & chair lock system
- Programmable position system
- Half-memorial dental chair cushion
- Rotatable armrest
- Crystal PU cover
- Hanging delivery tray
- Imported handpiece tube
- Multifunction 3-way Syringe
- Built in led X-ray view
- 16 buttons multifunction control panel
- Rotatable ceramic spittoon
- High suction via air and low suction via water
- Built in water purification system
- Imported solenoid valve
- Anti-dry Water Heater
- Imported water and air tubes
- High and low saliva ejector
- 5 buttons control panel
- Built-in Junction box
- Water, Air and electricity switch on/off system
- Signal water purification
- Signal air purification
- Original air pressure relief valve with filter
- Original water pressure relief valve with filter
- Imported water and air tubes
- Comfortable and adjustable dentist stool

OPTIONAL

High speed handpiece	2 set
Low speed handpiece	1 set
Oral camera system	1 set
Ultrasonic scaler	1 set
Curing light	1 set
Air compressor	1 set

DC1000

SPECIFICATION

- Overall system controlled by the electric valve
- Plastic pipe
- DC motor
- Air spring
- Air-lock balance assistant arm system
- 3 way syringe, 2 pieces (1 set for warm and other for cool dental applications)
- Water suction machine and saliva ejector, 1 set each
- Dental handpiece tubes
- Refluence prevention device and the built-in Water purifier
- Automatic water heater
- Surgical light
- DC X-ray film viewer
- Display system of the handpiece's air pressure
- Dentist stool, 1 piece

DC3000

SPECIFICATION

- Overall system controlled by the electric valve
- ED system have 3 memory positions
- Plastic pipe
- DC motor
- Air spring
- Assistant controlled system
- Air-lock balance assistant arm system
- Dental handpiece tubes
- 3 way syringe, 2 pieces (1 set for warm and other for cool dental applications)
- Modern style water suction machine and saliva ejector (with switch), 1 set each
- Refluence prevention device and the built-in water purifier
- Swiveling cuspidor
- Automatic heating water system
- Inductive surgical light
- AC X-ray film viewer
- Display system of the H.P.'s air pressure
- Dentist stool, 2 pieces

DC3600

SPECIFICATION

- Imported original Italian (Tecno-dent) patient chair
- Plastic injection model
- Automatic assistant arm, electronically controlled
- Non-vacuum pump based suction machine
- 3 way syringe, 2 pieces (1 set for warm and other for cool dental applications)
- Imported original Italian surgical light
- Built-in water purifier
- Built-in cleaning and disinfection function for the unit's internalized water piping system.
- Swiveling cuspidor, easy to clean
- Automatic water heater
- ACX-ray film viewer
- Dentist stool, 2 pieces

DC8000-IB

SPECIFICATION

- Dinosaur chair or blue cat
- 4 hole high speed
- HP tube: 2 PCS
- 4 hole low speed
- HP tube: 1 PC
- Flowerly halogen lamp without sensor
- LCD movie displayer with 4G memory card and card reader
- Fish instrument tray
- Vacuum pump suction system
- X-ray viewer
- 3-way syringe: 2 pcs
- Dentist stool: 2 pcs
- Multiple-function foot controller

DENTAL STERILIZER

SPECIFICATION

- Sterilizer for Dental
- The new design model with opening water tank on the top, strictly meets the
- standard of EN13060, which makes wash and cleaning much more convenient
- It adopts European B standard with 3 times pre-vacuum preceding vacuum drying. Residual humidity is less than 0.2%
- Vacuum measurement reaches 0.8 bar. It sterilizes and sanitizes miscellaneous packed or unpacked medical instruments. Whether solid or A-type hollow, whether with multi-apertures or inset pipes. It efficiently tides air from every hollow area of any hollow instrument, such as headpieces, making sure that water steam reaches every corner
- It is controlled fuzzily by all round computerized, digital displayed brightly; the interface is modularized panel for easy operation
- It is installed with BOWIE&DICK which measures the penetration of water steam
- Mini printer can be attached to record the process of sterilization

Model	Voltage/ Power	Chamber Size (mm)	Outside Size (mm)	Packing Size (mm)	Net Weight (kg)
IIC12	220V/1400W	192 *340	441*567*388	500*633*437	44
IIC18	220V/1500W	245 *340	435*606*392	500*633*437	47
IIC23	220V/1700W	245 *470	435*716*392	500*743*437	53

ULTRASONIC CLEANER

SPECIFICATION

Model	Tank Size	Unit Size	Volume	Ultrasonic Power	IRW-2000	Tank Size	Tank Size	IRW-2000B
	L×W×H(mm)	L×W×H(mm)	(L)	(W)	(kHz)	(W)	(MIN)	(°C)
010S	150×135×100	175×160×210	2	60	40	100	1-30	0-80
020S	240×135×100	265×165×220	3.2	120		100		
030S	300×150×100	325×180×225	4.5	180		200		
031S	300×150×150	325×180×280	6.5	180		200		
040S	300×240×150	325×265×280	10.8	240		200		
060S	330×300×150	360×325×285	15	360		300		
080S	500×300×150	530×325×285	22	480		500		
100S	500×300×200	530×325x325	30	600		500		

DENTAL X-RAY SYSTEM

DXM-10B

DXM-10D

SPECIFICATIONS

Model	DXM-10B	DXM-10D	DXM-10P (High Frequency)
Location Mode	Wall-mounted	Mobile	Portable
Power Supply	AC220V±10% or AC110V±10%		AC220V±10% or AC110V±10%
Tube Voltage	70kVp		60kVp
Tube Current	8mA		1.2mA
Exposure Time	0.2-4s		0.02-4s
Focus Size	1.5mm		0.3x0.3mm
Total Filtration	2.5MMAL		
Radiation Leak	Outside one meter≤0.002mGy/h (National Standard: 0.25mGy/h)		

DXM-10P

PANORAMIC DENTAL X-RAY SYSTEM

DP2000

SPECIFICATION

- Input Voltage
  220V±10% 50Hz±1Hz fuse≤1Ω
- Input Power
  Instantaneous Loading: 2500W
  Standby Mode: 110W 0.5A
- Fuse: 15A (Ø6x30)
- Anode Voltage
  Automatic: 60kV-88kW
  Manual: 60kV-88kW
- Anode Current
  Panorama: 12mA±20%
  TMJ: 12mA±20%
- Focus: 0.5x0.5mm
- Zoom: 1.20-1.30
- X-ray Tube
  X-ray Generator: high frequency DC generator
- Total Filtrations: 2.5MMAL
- Exposure Time
- Panoramic: 14s
  TMJ: 3 seconds x4
- Film Size: 150x300mm
- X-ray Cassette: 150mm, 300mm
- X-ray Intensification: MSL-40
- Vertical Range of Tube Head: 853-1643mm
- Lifting Device: Manual electromagnetically locked

OTHER DENTAL EQUIPMENT

ULTRASONIC SCALER

IMAGE SENSOR

DENTAL DEVELOPER

HANDPIECE LUBRICATOR

WATER DISTILLER

ULTRASONIC CLEANER

INNER-ORAL CAMERA

LED DENTAL CURING LIGHT

LOW SPEED HANDPIECE

AMALGAMATOR

TECHNICIAN STOOL

PLASTER PINHOLE DRILLING

DENTURE INJECTION SYSTEM

DENTAL CABINET

SINGLE WORKER DENTAL LAB WORKING TABLE

TWO WORKER DENTAL LAB WORKING TABLE

OPERATING MICROSCOPE FOR DENTAL

POS-2008

SPECIFICATION

- Magnification of binocular: 8X
- Binocular: 0-180° inclinable
- Magnification of eyepiece: 12.5X
- Interpupillary distance: 50mm-80mm
- Diopter: ±7D
- Focal length of objective: F=200mm and F=250mm two objectives
- Magnification changer: 3-step: 0.6X, 1X, 1.6X
- Total magnification: 4.8X, 8X, 12.8X, 6X, 10X, 16X
- Linear field: 50mm, 30mm, 19mm, 40mm, 24mm, 15mm
- Fine focusing distance: 10mm
- Illumination: Coaxial illumination with 10W LED lamp light source, brightness adjustable, illumination>40000lx
- Filter: Build-in green and yellow filters
- Balancing arm: 2-part arm with universal joints, counterweight adjustable and can be locked
- Floor stand: 2-part column fitted on the five-star base with casters
- Power supply: AC100V-AC240V
- Optional accessories: Beamsplitter, Video camera adapter, Demonstrator, Camera (U3CMOS03100KPA, XCAM1080PHA, WU-CAM0720PA, ICMOS03100KPA, VGA200, WK-73X10, WK-73X10H), SLR camera adapter, Monitor (S22E360H, S22F350FH, P72P), Eyepiece 10X, Objective F=300mm & F=400mm, F=200mm-300mm zoom objective, Table mount clamp, Wall mount bracket, GM112B Monitor mount

ENDOSCOPE VIDEO SYSTEM

GASTROINTESTINAL & COLONO VIDEO ENDOSCOPY SYSTEM

FEATURES

- Exceptional Optical System Superior-high resolution imaging: 440K pixel color Charge Coupled Device (CCD) produces world class images, crystal clear resolution, and realistic color quality
- Circular imaging design allows for an easier and clearer observational experience
- Multifunctional lightweight compact design allows the endoscope to maneuver through small and tight spaces with relative ease
- Long life and mutable air pump
- Freeze Frame Features:
  4-images; frozen and stored continuously
  4-images; shown simultaneously
  4-images; playback scrolling
  Any part of a single image is enlargeable
- Equipped with picture-in-picture feature to support and enhance visual examination

HIGHLY LUMINESCENT LIGHT SOURCE

- Minimal power, high luminance light source, freely adjustable brightness that doesn't affect light color

PC CONNECTIVITY

- PC connectivity greatly increases system functionality, permitting increase image capture & storage, and provides the ability to record system data such as: patient's name, gender, age, physician's name, description, diagnosis and much more. PC connectivity also enables printing of reports with images and data

SPECIFICATIONS

System	Colono Video Endoscope	Gastrointestinal Video Endoscope
Diameter of Insertion Tube	13mm	9.8mm
Outer Diameter	13.4mm	9.8mm
Working Length	1330mm	1050mm
Instrument Channel Diameter	3.2mm	2.8mm
Field of View	120°	120°
Depth of Field	3-100mm	3-100mm
Center Resolution	≥7.41Lp/mm	≥7.41Lp/mm
Maximum Angulations	180°Up/Down, 160°Right/Left	210°Up, 90°Down, 100°Right/Left
Water Flow Rate	≥45ml/min	≥40ml/min
Air Flow Rate	≥800ml/min	≥800ml/min
Suction Flow Rate	≥400ml/min	≥400ml/min

OPTICAL COLPOSCOPE

SPECIFICATION

- Observation Angle: 45° tilted
- Magnification of Eyepiece: 16x
- Focal Length of Objective: F=300mm
- Magnification Changer: 5-step: 0.4x, 0.6x, 1x, 1.5x, 2.5x
- Total Magnification: 3x, 4.5x, 6.6x, 10x, 16x
- Visual Field: 85mm, 52mm, 35mm, 24mm, 14mm
- Interpupillary Distance: 55-75mm
- Diopter: ±5D
- Fine Focus Distance: 20mm
- Illumination System: coaxial illumination with 10W LED lamp, brightness adjustable
- Illumination Intensity: 21000lx at 300mm working distance
- Filter: built-in green & blue filter
- Equipped with beam splitter, TV adapter and demonstrator

POY-211

DIGITAL COLPOSCOPE IMAGING SYSTEM

FEATURES

- 5-gear optical system: zoom, focus, robust 3D sensor, distinctive gradation & wide view
- Equipped with Optical Ocular ruler; able to accurately measure the size of diseased and affected regions
- Integrated dual path optical cold light source, fiber optical conduction with adjustable brightness
- Featured green filter permits straightforward visual observation of capillaries at diseased regions
- High definition color CCD
- Flexible and user-friendly spring loaded support bracket can be locked and adjusted to any angle
- Proprietary grated beam splitting design with CCD imaging vernier enables the generation of 3-dimensional images, thus facilitating a more comprehensive examination of diseased tissues and regions

STANDARD CONFIGURATION

- Colposcope Digital System (software with capture card): 1 piece
- CCD (WATEC) lens with LED cold light source, stand; 1 piece
- Trolley: 1 piece
- Computer: 1 piece
- Display screen: 1 piece
- Printer: 1 piece

SPECIFICATIONS

OPTICAL SYSTEM					
Binocular Eyepiece Focus	160mm, Built-in accurate measurement ruler				
Eyepiece	12.5x, wide-angle vision adjustment (refraction adjustment) 0±5D				
Working Distance	300mm				
Eye-distance Adjustment Range	50-75mm				
Micro-focus Range	0-40mm				
Image Collection Raster	F4.5-F32				
Cold Light Source	green filter				
Light Illumination	≥60000lx				
Magnification Level of Optics	3-20 times				
CAMERA SYSTEM					
Type	1/3" color CCD camera, Automatic focus				
Resolution Level	≥480lines				
Minimum Illumination	0.1lx				
Effective Pixilation	≥48Megapixel				
Signal Noise Ratio of Lens	≥50dB				
EYEPIECE MAGNIFICATION TIMES & FIELD OF VIEW					
Input Data	0.4	0.6	1	1.6	2.5
Magnification Level	3.4	5.1	8.5	13.6	21.3
Diameter of Field-of-view	75mm	50mm	30mm	19mm	12mm

POY-2200

ENT WORKSTATION

ENT-E300

STANDARD CONFIGURATION

Component	Note
LED Illuminating Light	1
Spray Gun (Unbent 2&Bent 1)	3
Suction Gun	1
Laryngoscope Preheater	1
Instrument Tray	1
Medical Bottle	2
Tweezers Cup	4
Cotton Cup	2
Compressor	1
Vacuum Pump	1
Blow-Off Equipment System(Warning System)	1
Doctor Stool	1

ENT-3201B

STANDARD CONFIGURATION

Component	Quantity	Note
Table	1 pc	marble tabletop
Washing Syringe	1 pc (curved), 2 pcs (straight)	copper & stainless steel
Suction System	1 pc	stainless steel
Insufflation System	1 pc	stainless steel
Projection Lamp & Support Arm	1 pc	≥50W illumination≥1x104lx
Instrument Tray	1 pc	stainless steel
Gauze Container	2 pcs	stainless steel
Liquid Medicine Bottle	6 pcs	glass
Anti-fog Device	1 set	with sensor
X-ray Viewer	1 pc	film lamp

SPECIFICATION

- Spray Rod, Positive Pressure of Insufflation System: 0.1MPa-0.15MPa (Adjustable)
- Negative Pressure of Suction Tube: ≥0.07MPa (Adjustable)
- Compressor Pump: 80W 1 pc
- Suction (Vacuum) Pump: 370W; 2500CC main suction apparatus 1 pc
- Power Supply: 220-240VAC, 50-60Hz, 1000VA
- Preheated Anti-fog Device: 300W

ENT-3202B

STANDARD CONFIGURATION

Component	Quantity	Note
Mainframe	1 pc	marble board
Washing Syringe	1 pc (curved), 2 pcs (straight)	copper
Suction System	1 pc	copper
Projection Lamp & Support Arm	1 pc≥50W	illumination≥1x104lx
Instrument Tray	2 pcs	stainless steel
Cotton Jar	4 pcs	stainless steel
Anti Fog Heater	1 set	
Liquid Medicine Bottle	6 pcs	glass
Endoscope	1 pc	Sinoscope 0 degree Ø4mm
CCD Camera	1 set	520TV/line
Cold Light Source	1 set	Xenon light 250W
Computer	1 set	features English software
Foot Captor	1 pc	for PC
LCD Display	1 set	19" LCD
LCD Monitor	1 set	Samsung 17'
Color Printer	1 set	HP brand
X-ray Viewer	1 set	X-ray screen

OPERATION MICROSCOPE FOR ENT

FEATURES

- Operation Microscopes using LED light source for coaxial illumination, have different working distance and magnification. They are featured for flexible handling and easy operation. They can be sued for micro-operation in ear-nose-throat, dental, ophthalmology, gynecology and surgery

SPECIFICATIONS

Model	POS-2001											
Focal Length of Objective	F=200mm			F=200mm (optional)			F=300mm			F=400mm (optional)		
Magnification on Handwheel	1.6X	1X	0.6X	1.6X	1X	0.6X	1.6X	1X	0.6X	1.6X	1X	0.6X
Total Magnification	12X	7.5X	4.7X	9.6X	6X	3.7X	8X	5X	3X	6X	3.8X	2.3X
Linear Field (mm)	15.8	25.3	40.6	19.7	31.6	50.7	23.6	37.9	60.8	31.5	50.5	81
Exit Pupil Diameter (mm)	1.04	1.66	1.66	1.04	1.66	1.66	1.04	1.66	1.66	1.04	1.66	1.66
Exit Pupil Distance (mm)	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
Resolution (LP/mm)	67	44.5	29.7	60	35.4	27	47.2	31.5	23.6	35	27	19.8

POS-2001

WALL MOUNTED ENT DIAGNOSTIC SET

SPECIFICATIONS

Configuration:

- Wall-mounted composed of ophthalmoscope, otoscope, nasal speculum, electronic thermometer (Forehead and ear type), storage box and hanging plate etc. The battery handle is sharing. Light can be adjusted via key control Power is AC 110~240V, 47~63HZ
- Optional parts are tongue depressor, finger clip type pulse oximeter and bloodglucose meter

Ophthalmoscope:

- Illumination form: small spot, middle spot, big spot, central net, cobalt blue filter, slit
- Compensation filter: Polarizing filter, no red green filter
- Diopter Compensation: 25~+40D

Otoscope:

- Circle form optical fiber transmission
- Size of the aural speculum 2.5, 3, 4.5mm
- Magnifier: more than 3 times
- Fiber transmission

Electronic thermometer:

- Temperature measurement range: 34°C-43°C
- Temperature measurement precision: ≤±0.2°C

Mechanical spring blood pressure meter:

- Composed of meter , band and air ball

Blood pressure gauge : 0 - 3 0 0 mmHg

- Upper-arm measurement manual measurement
- Data error ±3.75mmHg
- Storage box: 4 kinds of various size aural speculum.Other consumables can also be stored inside

OTHER MEDICAL OPTOELECTRONICS EQUIPMENT

ENT PATIENT CHAIR

AUDIOMETER

ENT DIAGNOSTIC SET

OPHTHALMOSCOPE

OTOSCOPE

LARYNGOSCOPE

SLIT LAMP MICROSCOPE

POL-01

POL-01

STANDARD MOBILE BASE

SPECIFICATIONS

Model	POL-01
SLIT LAMP PROPERTIES	
Microscope Type	Converging Stereoscope
Magnification	2 step magnifications
Eye Piece	10x
Total Magnification & Visual Field Diameter	16x(φ14.5mm), 10x(φ18mm)
Pupil Distance (Adjustable Range)	52mm-80mm
Adjustable Diopter	+5D~-5D
BASE	
Left Right Movement	110mm
Forward Back Movement	90mm
Up Down Movement	30mm
CHIN REST	
Up Down Movement	80mm
Fixation Lamp	RED LED
Slit Width	0~10mm continuous (at 10mm, slit becomes a circle)
ILLUMINATION PROPERTIES	
Light Spot Diameter	10mm, 3mm, 1mm, 0.2mm
Filter	Heat absorption, Red-free, Cobalt blue
Bulb Illumination	12V 50W halogen lamp
POWER	
Input Voltage	220V
Frequency	50Hz
Power Consumption	68VA

POL-6A

SPECIFICATIONS

Model		POL-6A
Microscope	Microscope Type	Galilean stereoscopic microscope
	Magnification selection	5 steps by drum rotation
	Eyepiece	12.5x
	Magnification Ratio (Field of view)	6×(φ33mm), 10×(φ22.5), 16×(φ14mm), 25×(φ8.8mm), 40×(φ5.5mm)
	PD adjustment	50mm~82mm
	Diopter Adjustment	+7D~-7D
Base	Side Shift	110mm
	Depth Shift	90mm
	Height Shift	30mm
Chin rest	Height Shift	80mm
	Fixation Target	red LED
Illumination System	Slit width	0~14mm continuous (at 14mm, slit becomes a circle)
	Slit height	1~14mm continuous
	Slit angle Slit Inclination Light spot diameter	0 ~ 180° continuous 0, 5°, 10°, 15°, 20° φ14mm, φ10mm, φ5mm, φ3mm, φ2mm, φ1mm, φ0.2mm and 1-14mm continuous
	Filter	Heat absorption ,Grey ,Red-Free ,Cobalt Blue
	Illumination bulb	12V 50W halogen lamp
Power	Input voltage frequency Power consumption	110V /220V 50H 68VA
Weight and size	G.W / N.W	18kg / 16kg
	Main dimension	690mm(L)× 440mm(W)× 420mm(H)

POL-88D

DIGITAL SLIT LAMP PROCESSING SYSTEM

SPECIFICATION

- **Professional collection media**
  The instrument SLR camera as a collection media, real-time dynamic display, clear and vivid images, dast image acquistion
- **Camera Shortcut**
  External shooting device spotted lesions touch of a capture clear picture immediately
- **Powerful image processing functions**
  measure length, area, Angle, grayscale, curvature, label the lesions in the picture and add text
- **High-definition image**
  The instrument is capable of shooting photos of up to 18 million pixels, and offers up to 40x magnification, completely show the details, to meet the demanding requirements of the medical image, enable the lesions to be show more clearly
- **A diagnostic aid**
  Provide a variety of common eye checkup mode parameter set to improve examination efficiency
  With medical records management and output
  Case report can be saved, manage, print
- **Configuration**
  1.Slit Lamp
  2.camera Interface(splitter / adapter)
  3.Professional digital single lens reflexs camera
  4.Slit lamp processing system
  5.PC computer (optional)
  6. High-definition ink-jet printer (optional)

OPERATING MICROSCOPE FOR OPHTHALMOLOGY

POS-2003

SPECIFICATIONS

Model	POS-2003
Binocular Observation	45° Tilted
Magnification of Binocular	6X
Interpupillary Distance	50mm~80mm
Diopter	±5D
Magnification Changer	3-step Magnification Change: 0.6X, 1X, 1.6X
Focal Length of Objective	Two Objectives: F=200mm & F=300mm(m45×0.75mm)
Total Magnification	3X, 5X, 8X, 4.7X, 7.5X, 12X
Linear Field	60.8mm, 37.9mm, 23.6mm, 40.6mm, 25.3mm, 15.8mm
Beamsplitter	50:50 Beamsplitter
Video Camera Adapter	C-mount 1/3 inch Video Camera Attachable
Fine Focusing Range	10mm
Filter	Built-in green and yellow filters
Balancing Arm	2-part Arm with Universal Joints, Counterweight Adjustable and Can Be Locked
Illumination System	Coaxial Illumination with 10W LED Lamp Light Source, Brightness Adjustable, Illumination>30000lx
Stand	2-part Column Fitted on the Five-star Base with Casters
Optional Accessories	Demonstrator, Camera (U3CMOS03100KPA, XCAM1080PHA, WUCAM0720PA, ICMOS03100KPA, VGA200, WK-73X10,WK-73X10H), SLR Camera Adapter, Monitor (S22E360H, H22F350FH, P72P), Objective F=250mm & F=400mm, Table Mount Clamp, Wall Mount Bracket

AUTO REFRACTOMETER

RM-9000

SPECIFICATIONS

Model	RM-9000
Measurement Range	Sphere -20D~+20D (VD=12mm) 0.125D/0.25D steps
	Cylinder -8D~+8D 0.125D/0.25D steps
	Axis angle 1°~180° 1°steps
Pupillary Distance	45~85mm 1mm steps
Vertex Distance	0/12/13.75/15mm
Minimum Pupil Diameter	∁ 2.0mm
Chart	Auto Fog Chart
Date Saving	10 Measured values for both eyes
Display	5.7" LCD(color)
Print	Built-in Thermal Printer
Power Supply	AC 220V ,50Hz or 110V, 60Hz
Dimensions/Weight	288(W)*500(D)*480(H) 14kg
Output	RS-232
Power Save	5/10 min (Selectable)

OPHTHALMIC UNIT

TCS-760

SPECIFICATIONS

Model	TSC-760
Table size	1000mm(L)*500mm(W)*30mm(H)
Elevation range for table	698mm-848mm
Elevation range for chair	600mm-750mm
Input voltage	110V/60HZ or 220V/50HZ
Size of the sliding board	420mm(L)*290mm(W)*20mm(H)

AUTO LENSMETER

TL-6500

SPECIFICATIONS

Model	TL-6500
	Measurement Range
Sph. Lenses	0~±25D
Cyl. Lenses	0~±10D
Cyl. Axis Angle	0~180°
Prism	0~10 △
ADD	0~10D
Power Supply	AC 100~240V, 50/60HZ, 30W
Dimension	215(W)×252(D)×428(H)
Weight	5.0kg

AUTO CHART PROJECTOR

ACP-1000

SPECIFICATIONS

Model	ACP-1000
Projection distance	1.5m ~ 6m
Projection magnification	30 x (at 5m)
Projection size	330mm(W) x270mm(H) (at 5m)
Chart	30 different pattern
Speed of chart conversion	One chart per 0.01~0.02s
Mask	1 open, 5 horizontal lines,8 vertical lines, 21 single letters, 1 red/green
speed of mask conversion	One mask per 0.03s
Program	2 sets programs, each program contains up to 30 steps
Light source	12V,50W Halogen Lamp
Auto-off function	After 10 minutes idle time.
Power source	AC 220V ,50Hz or 110V, 60Hz
Power consumption	80W
Dimensions	300mm(L) x 230mm(W) x 240mm(H)
Net weight	6Kg
Accessories	Remote control, Polarized metal screen, halogen lamp, polarized glasses, fuses(2), batteries(2)
Optional accessories	Floor stand, wall stand

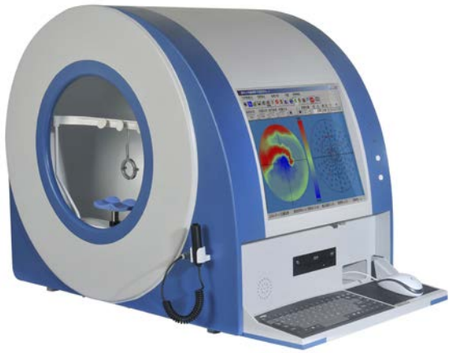
TRADITIONAL PERIMETER

APS-6000CER

SPECIFICATION

Radius of stimulator: 300mm±5mm

- Stimulating source of LED
- Two visual lights: yellow and red
- Stimulating strength: From 0nt (0asb) to318.310nt (1000asb), have 14 degree to adjust, the error is±10%
  - i.Error of background brightness: 4asb±10%
  - ii.Light spot: Diameter is 2mm +/- 0.25mm
  - iii.The number of stimulating and the stimulating time:
    - A.388 spots (Red light: 61spots, yellow: 327spots)
    - B: stimulating retention time: 0.2s--2.0s, the program can adjust (±5%)
    - C: stimulating spacing interval: 0.5s --2.0s, the program can adjust (±5%)
  - iv.Window of eye-position tracking: White-black CCD, directly tracking the testing eye
  - v.The length of chin rest: up-down: 80mm±10%; right-left 115mm±10%
- Eye position tracking: When blinking, the system will alarm automatically



FUNDUS CAMERA / RETINA CAMERA

APS-DER

SPECIFICATION

- Working Distance: The distance from cornea is 40mm, Errors: ±2mm
- Field of Vision Scope: 45°
- The Size of Outer Ring: φ7.4mm
- The Size of Inner Ring: φ4mm
- Filters: Stimulating Filter (red&blue)
- Depth of field contraction distance: ≥5mm

Seat Movement Scope

- The moving distance between the front and back: 60mm
- The moving distance between right and left: 120mm
- The moving distance between up and down: 30mm

Function

- Non-mydriatic
- Auto detected the eye position
- Pupil size: 3mm
- Illumination source: infrared
- Auto /manual focus
- Auto adjust flash intensity /illumination intensity according patient pupil size
- Five internal fixation lamp/external fixation lamp
- Nine internal fixation: option
- Refractive compensation: +15D
- Image resolution: 16.2Mega with Nikon D5200
- Dicom 3.0 interface (optional)

PROJECTION PERIMETER

APS-T90

SPECIFICATION

- Spherical Radius: 175mm ± 5mm
- Stimulus Light Intensity: 0-10000asb (± 10%)
- Projection Light: red, blue, white (wideband visible light).
- Dynamic Range: 0-51DB
- Background Light: yellow and white
- Background Light intensity:
  a)Background Light: White, light intensity 31.5asb (± 10%)
  b)Background Light: yellow light used OG530 lenses; backlight intensity 315asb (± 10%)
- Spot Size:
  a)Class I : the angle of 0.11 ° (± 10%); stimulus as the standard size (30 cm Bowl) 1/4mm2 ± (± 10%)
  b)Class II : Diagonal 0.22 ° (± 10%) to; stimulus as the standard size (30 cm Bowl) 1mm2 ± (± 10%)
  c)Class III: the angle of 0.43 ° (± 10%); stimulus as the standard size (30 cm Bowl) 4mm2 ± (± 10%)
  d)Class IV: the angle of 0.86 ° (± 10%); stimulus as the standard size (30 cm Bowl) 16mm2 ± (± 10%)
  e)Class V : the angle 1.72 ° (± 10%); stimulus as the standard size (30 cm Bowl) 64mm2 ± (± 10%)
- Stimulation Points Number and Stimulation Time:
  a) Stimulation Point: not fixed
  b) Stimulus Duration: adjustable from 0.1s to 2.0s program (± 5%)
  c) Interval: adjustable from 0.1s to 2.0s program (± 5%)
- Eye Position Monitoring Window: CCD camera, directly monitor the eyes
- Chinrest Stroke: down ≥ 50mm (± 5%) around ≥ 28mm (± 5%)
- Eye Tracking: eye movements or eye blinking, the system will alarm (monitoring the "Start eye movement detection" Open)

AUTOMATIC VISION TESTER

CV-7200

SPECIFICATIONS

Model	CV-7200
Sphere	-19.00D~+16.75D 0.12D/0.25D/0.50D/1.00D/3.00D steps
Cylinder	-6.00D~+6.00D 0.25D steps
Axis angle	0~180° (1°/5°steps)
Pupillary Distance	Distant range: 52~80mm 0.5/1mm steps
	Close range: 50~80mm 0.5/1mm steps
Rotary Prism	0~20 0.1 /0.5 /1.0steps
Cross Cylinder Lens	±0.25D
Plane Retinoscope	+1.50D(67cm) +2.00D(50cm)
Auxiliary Lens	PH Binoculus(1.0mm)
	RMV,RMH
	RL(Right eye),GL(Left eye)
	Polaroid(Right eye 135°/45°; Left eye 45°/135°)
	Prism(Right 6BU ,Left 10BI)
	Cross Cylinder Lens (±0.50D Axis=90°)
	PD Lens
Phoropter Size	365mm×280mm×110mm 3.8kg
Keyboard Size	230mm×195mm×190mm 1.2kg
Power Box Size	236mm×126mm×115mm 2.1kg
Power Supply	AC 220V 50HZ or AC 110V 60HZ,90W
Net Weight	7.1kg

A SCAN

SPECIFICATION

- Probe Frequency: 10MHZ Error±0.5 MHZ
- Precision: 0.05mm
- Measurement parameters: ACD depth, lens, axial length, and its average
- IOL Calculation: SRK/II, SRK/T, Holladay, SCDK, Hoffer-Q
- Data Processing: IOL table
- Operation: Automatic, Manual
- Thermal printer

CAS-2000AER

OPHTHALMIC A/B SCAN

CAS-2000BER

SPECIFICATION

A probe Detecting

- Probe Frequency: 10MHZ Error±0.5 MHZ
- Precision: 0.05mm
- Measurement parameters: ACD depth, lens, axial length, and its average
- IOL Calculation: SRK/II, SRK/T, Holladay, SCDK, Hoffer-Q
- Data Processing: IOL table
- Operation: Automatic, Manual
- Information storage: Mass memory Build-in Case data
- Images reports: External high definition ink-jet printer

B probe Detecting

- B probe mode: Mechanic Sector scans
- Scan angle: 53°
- Detect Depth: 50mm
- Probe frequency: 10 MHZ Error±0.5 MHZ
- Resolution: Vertical≤0.5mm, Lateral≤1.0mm
- Gray Scale: 256
- Display Mode: B; B+B; B+A
- Storage: 10 Frames
- Image Post Processing: Brightness, Contrast, Smooth, Sharp, stretch, Equalize, etc

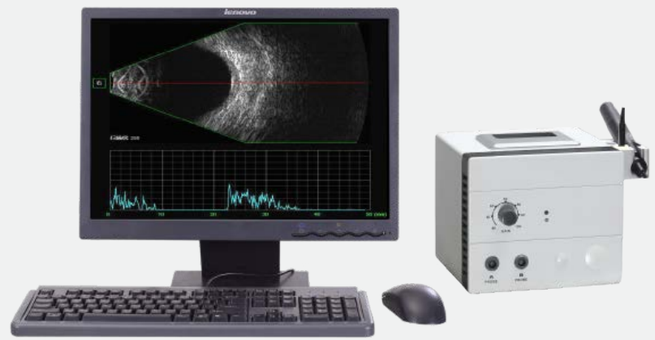


CHART MONITOR

CM-1800

SPECIFICATIONS

Model	CM-1800
Display:	19" LCD (color)
Brightness	250 cd/m2
Chart versions	E, C, ABC, 123, c hild, special version charts
Chart acuity	6/3-6/150 20/10-20/500 0.04-2.0
Distance	2.0 ~ 7.0m
Power supply	Input: AC110~220V AC±10%,50/60Hz
Power consumption	<=45w
Dimension	455mm (L) x 420mm(W) x 110mm(H)
Weight	4.2kg(Net. Weight)
Remote	IR
Batteries for remote control	3A

NEAR VISION TESTER

NV-100

SPECIFICATIONS

Model	NV-100
Test Distance	36cm
Distant Control	60cm
Size	220(H)×210(W)×42(D)mm
Weight	780g
Power Supply	LR6 AA/1.5V×3

AUTO LENS EDGER

LE-300

SPECIFICATIONS

Model	LE-300
The size of Diamond wheel: (The diameter and width of Grinding wheel)mm	CR Wheel : 110x16 Glass Wheel :100x16 V Groove Wheel:100x23 Polishing Wheel: 100x11
Available lens range:	22mm~100mm
The processing type:	pointy edges, platband , flat polishing
The lens material:	CR, Glass
Production size:	510Lx490Wx400H (mm)
Package size:	770Lx710Wx630H (mm)
Weight:	49KG
Voltage:	Voltage:220V±10% frequency:50Hz
Power:	500W

LENS METER

LM-80

SPECIFICATIONS

Model	LM-80
Spherical degree:	0 D~±20 D
Cylindrial degree:	0 D~±10.00 D
Axis for astigmatism:	0° ~180°
Under plus degree:	0 D~+10.00 D
Prism degree:	0cm/m~6.00cm/m
Diopter step:	0.01 D /0.12 D /0.25 D
Prism step:	0.01cm/m/0.12cm/m/0.25cm/m
Cylinder:	+, ±, -
Prism:	X-Y, P-B
Speed of measurement:	0.2s
Lens size:	18 mm~110mm
Show:	1024*600 color touch screen
Printer:	Thermal printer
Power :	AC100~240V 60/50Hz 35VA
Max power : :	55W
Weight:	About 6kg
Product size:	290Lx 200Wx 450H
Package size:	470Lx 370Wx 670H
Power Supply	LR6 AA/1.5V×3

TRIAL LENS SET

EMG (Electromyogram)

EMG6600B

SPECIFICATION

Main Unit
- A/D Conversion Resolution: 16 Bit
- Sampling Rate: 200kHz
- Analysis Time: 5-5000ms
- Stimulator Frequency: 0.1-50Hz

Amplifier Component
- Wireless transmitter, 1 piece
- 4-channel Amplifier
- Sensitivity: 0.05μV-20mV/Grid
- Noise (Earth): EMG ≤4μV(Vpp)
- Evoked Potential (EP) ≤0.1μV (Vpp) (1000 times within average)
- Common Mode Rejection Ratio (CMRR): ≥100dB
- 50Hz passband wave setting
- Filter-frequency Passband Upper Limit: 20kHz
- Filter-frequency Passband Lower Limit: 0.01Hz
- Gain (signal) 25 times-400,000 times

Stimulator Component
- Constant Current Output: 0.2-100mA
- Pulse Width: 50-1000μS
- Short circuit and overloading protection

Auditory Stimulator
- Stimulation Wave: 40Hz short, sound stimulation
- Stimulation Polarity: non-dense wave, dense wave and alternating wave
- Audio Strength: 40-120dB (1dB per level)
- Stimulation Mode: left, right, left & right
- Frequency of 40Hz Carrier Wave: 500-8000Hz

Visual stimulator
- Mode: tessellation, horizontal bar and vertical bar
- Stimulation view: full-view, half-view and quarter-view
- Resolution: 3x4, 6x8, 12x16, 24x32, 48x64

ECG

ECG-101G

SINGLE CHANNEL

ECG-101GB

SINGLE CHANNEL

SPECIFICATIONS

Component	ECG-101G	ECG-101GB
Channel	Single Channel	
Display	2.7 inch STN-LCD	3.5 inch color LCD
Power Supply	AC/DC, rechargeable lithium battery	
Paper Size	50mmx20m	

ECG-303G

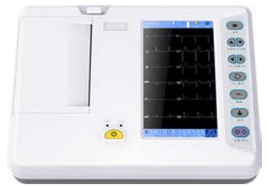
3 CHANNEL

ECG-303GB

3 CHANNEL

SPECIFICATIONS

Component	ECG-303G	ECG-303GB
Channel	3 Channel	
Display	3.5 inch color LCD	5 inch color LCD
Power Supply	AC/DC, rechargeable lithium battery	
Paper Size	80mmx20m	



ECG-306G

6 CHANNEL

SPECIFICATION

- Manual/Automatic/Physical Examination/Storage Modes
- 80mm, six channel format recording
- Built-in rechargeable lithium ion battery
- Able to store 250 patient files (extendable)
- 7 inch color touch LCD
- Connectivity: USB drive, laser printer and code scanner (optional)

ECG-312G

12 CHANNEL

SPECIFICATION

- Manual/Automatic/Physical Examination/Storage Modes
- Twelve channel format recording
- 7 inch color screen with Alphabet keyboard input
- Built-in rechargeable lithium ion battery
- Connectivity: USB drive, laser printer and code scanner (optional)
- Able to store 250 patient files (extendable)

WIRELESS STRESS ECG SYSTEMS

ECG-8000S

FEATURES

- ECG-8000S provides a user-friendly interface with flexible configurations. Its new d12-lead digital telemetry transmitter is derived from the latest generation in telemetry technology. The ECG-000S' compact and extra-slim design is complimented by an internalized antenna and ECG waveform display

Complete Stress Test Presentation
- In addition to continuous stress test trends, the ECG-8000S presents stress test level and slope for all 12 average complexes and automatically makes comparison with reference complexes

Windows XP or Vista Operating System
- ECG-8000S provides a user-friendly interface with flexible configurations

Detailed Comprehensive Review Mode
- Post-test playback function allows detailed comprehensive review of the entire test

Standard Configuration
- Wireless transmitter, 1 piece
- Wireless receiver, 1 piece
- ECG-8000S software 1 set
- Patient cable, 1 piece
- USB cable, 1 piece
- User manual (1 CD), 1 piece
- Optional: Stress Pulse Oximeter, Stress NIBP

DIGITAL EEG & MAPPING SYSTEM

EEG-2400/3200

FEATURES

- Standard 24-channel (2400) and 32-channel (3200) amplifier
- The latest in intelligent digital EEG amplifier design, integrates electrode box, amplifier, filter and A/D. Digital signal transmission enhances the anti jamming capability
- Supports international 10-20 standard system & special electrodes, the combination of 13 kinds of standard leads (hardware) can be selected during real time or changed when uploading (software), supports: A1, A2, A1+A2, A1⟷A2
- USB interface, coupled with a laptop computer form a portable EEG system
- Measurable EGG amplitude and frequency
- Resistance is displayed in the electrode box and tested in the acquisition phase, allowing the user time to adjust the electrodes
- Automatically and manually controlled flashing light
- ECG and RESP
- Includes BEAM, power spectrum, and other trend graphs
- EEG database management, supporting MO or CD-RW archiving
- Special isolation transformer and optical cable provides added protection

Optional Function
- Video monitoring system
- Sleep module, ECG, EOG, SpO_2, EMG, RESP

VERTICAL PRESSURE STEAM STERILIZER

DIGITAL

MECHANICAL

SPECIFICATIONS DIGITAL

Model	PTS-B35L	PTS-B50L	PTS-B75L	PTS-B100L
Chamber Volume	35L (φ318x450)mm	50L (φ340x550)mm	75L (φ400x600)mm	100L (φ440x650)mm
Working Pressure	0.22MPa	0.22MPa	0.22MPa	0.22MPa
Working Temperature	134°C	134°C	134°C	134°C
Maximum Working Pressure	0.23MPa	0.23MPa	0.23MPa	0.23MPa
Heating Variance	≤±1°C	≤±1°C	≤±1°C	≤±1°C
Timer	0~99 min or 0~99 hour	0~99 min or 0~99 hour	0~99 min or 0~99 hour	0~99 min or 0~99 hour
Temperature Adjustment	105~134°C	105~134°C	105~134°C	105~134°C
Power Supply	2.5kW/AC220V.50Hz	3kW /AC220V.50Hz	4.5kW AC220V.50Hz	4.5kW AC220V.50Hz

SPECIFICATIONS MECHANICAL

Model	PTS-B35L	PTS-B50L	PTS-B75L	PTS-B100L	PTS-B120L	PTS-B150L
Chamber Volume	35L (φ318x450)mm	50L (φ340x550)mm	75L (φ400x600)mm	100L (φ440x650)mm	120L (φ480x660)mm	150L (φ510x740)mm
Working Pressure	0.22MPa	0.22MPa	0.22MPa	0.22MPa	-	-
Working Temperature	134°C	134°C	134°C	134°C	-	-
Maximum Working Pressure	0.23MPa	0.23MPa	0.23MPa	0.23MPa	-	-
Heating variance	≤±1°C	≤±1°C	≤±1°C	≤±1°C	-	-
Timer Scope	0~60 min	0~60 min	0~60 min	0~60 min	-	-
Temperature Adjustment	105~134°C	105~134°C	105~134°C	105~134°C	-	-
Power Supply	2.5kW/ AC 220 V.50 Hz	3kW/ AC 220 V.50 Hz	4.5kW/ AC 220 V.50 Hz	4.5kW/ AC 220 V.50 Hz	6KW/ AC220V.50Hz	6KW/ AC220V.50Hz
Overall Dimension (W x D x H) (mm)	480×460×850	520×520×980	560×560×980	590×590×1080	600×640×1140	670×690×1130

HORIZONTAL CYLINDRICAL PRESSURE STEAM STERILIZER

YDA SERIES

SPECIFICATIONS

Model	PTS-90YDA	PTS-150YDA	PTS-200YDA	PTS-280YDA	PTS-400YDA	PTS-500YDA
Chamber Volume	90L (φ440×700) mm	150L (φ440×1000) mm	200L (φ515x1000) mm	280L (φ600x1000) mm	400L (φ700x1100) mm	500L (φ700x1300) mm
Working Pressure	0.22MPa	0.22MPa	0.22MPa	0.22MPa	0.22MPa	0.22MPa
Working Temperature	134°C	134°C	134°C	134°C	134°C	134°C
Temperature Adjustment	105~134°C	105~134°C	105~134°C	105~134°C	105~134°C	105~134°C
Sterilization Time	0~60min	0~60min	0~60min	0~60min	0~60min	0~60min
Drying Time	0~60min	0~60min	0~60min	0~60min	0~60min	0~60min
Heating Average	≤±1°C	≤±1°C	≤±1°C	≤±1°C	≤±1°C	≤±1°C
Power Supply	9KW/380V 50Hz	9KW/380V 50Hz	9KW/380V 50Hz	12KW/380V 50Hz	18KW/380V 50Hz	18KW/380V 50Hz
Overall Dimension (W x D x H) (mm)	1100×600×1300	1400×600×1300	1400×670×1650	1400×770×1780	1430×880×1830	1800×900×1820

YDB SERIES

SPECIFICATIONS

Model	PTS-280YDB	PTS-200YDB	PTS-150YDB
Chamber Volume	280L(φ600x1000) mm	200L(φ515x1000) mm	150L(φ440x1000) mm
Working Pressure	0.22MPa	0.22MPa	0.22MPa
Working Temperature	134°C	134°C	134°C
Temperature Adjustment	40~134°C	40~134°C	40~134°C
Sterilization Time	0~90min	0~90min	0~90min
Drying Time	0~90min	0~90min	0~90min
Heating Average	≤±2°C	≤±2°C	≤±2°C
Power Supply	12KW/380V 50Hz	9KW/380V 50Hz	9KW/380V 50Hz

TABLETOP STEAM STERILIZER

PTS-XB20J/XB24J

PTS-XD35J/XD50J

SPECIFICATIONS

Model	PTS-XB20J	PTS-XB24J	PTS-XD35J	PTS-XD50J
Chamber Volume	20L (φ250x420mm)	25L (φ250x520mm)	35L (φ300x500mm)	50L (φ340x550mm)
Working Pressure	0.22MPa	0.22MPa	0.22MPa	0.22MPa
Working Temperature	134°C	134°C	134°C	134°C
Temperature Adjustment	105~134°C	105~134°C	105~134°C	105~134°C
Timer	0~60min	0~60min	0~60min	0~60min
Power Supply	1.5kW/AC220V 50Hz (AC110V 60Hz)		2.7kW/AC220V50Hz (AC110V 50Hz)	
Sterilizing Plate	340x200x30mm (3 pieces)	400x200x30mm (3 pieces)	400x200x30mm (4 pieces)	500x250x30mm (4 pieces)

BABY SCALE

SPECIFICATION

- Max weighing: 20kg
- Division: 0.05kg(0-10kg)
  0.1kg(10-20kg)

ELECTRONIC INFANT SCALE

SPECIFICATION

- Max weighing: 20kg/44lbs
- Min weighing: 200g/0.5oz
- Division: 10g/0.02lb
- Display: 5 digital LCD
- Power: 6F22ND 9V
- Height range to be measured for baby: 0-56cm/0-22"
- Min value of height per division: 1mm/ 1/16"

ELECTRONIC PEDIATRIC SCALE

SPECIFICATION

- Max weighing: 150kg
- Division: 50g
- Display: LED
- Power: AC/DC
- Height range to be measured: 600-1600mm
- Min value of height per division: 5mm

HANGING SCALE

SPECIFICATION

- Max.weighing:25kg
- Min.value per division:100g

DIAL BODY SCALE

SPECIFICATION

- Max weighing: 120kg/150kg/160kg
- Division: 500g
- Height range to be measured: 700-1900mm
- Min value of height per division: 5mm

DOUBLE RULER BODY SCALE

SPECIFICATION

- Max weighing: 160/200kg
- Division: 100g
- Height range to be measured: 750-2000mm
- Min value of height per division: 5mm

ELECTRONIC BODY SCALE

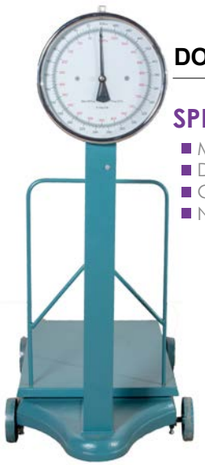
SPECIFICATION

- Max weighing: 200kg
- Division: 100g
- Display: LED
- Power: AC/DC
- Height range to be measured: 800-2100mm
- Min value of height per division: 5mm

WHEELCHAIR SCALE

SPECIFICATION

- Max weighing: 160/200kg
- Division: 100g



DOUBLE DIAL PLATFORM SCALE

SPECIFICATION

- Max weighing: 200/300/500kg
- Division: 500g/1000g/1000g
- G.W.: 50kg
- N.W.: 45kg

HEIGHT MEASURING ROD

SPECIFICATION

- Height range to be measured: 0-2000mm
- Min value of height per division: 1mm

FURNITURE & LOGISTICS

FIVE-FUNCTION ELECTRIC BED

HD-1

THREE-FUNCTION ELECTRIC BED

HD-3

FULL-FLOWLER MOVABLE FULL-FOWLER BED

HB-16

MOVABLE FULL-FOWLER BED WITH STAINLESS STEEL HEAD/FOOT BOARD

HB-28

FULL-FLOWLER BED WITH STAINLESS STEEL HEAD BOARDS

HB-29

SEMI-FOWLER BED WITH ABS HEAD/FOOT BOARD

HB-23

EPOXY COATED SEMI-FOWLER BED

HB-32

THREE-FUNCTION ORTHOPAEDICS BED

HC-6

EMERGENCY STRETCHER

HE-3

STAINLESS STEEL EMERGENCY STRETCHER

HE-5

EPOXY COATING OBSTETRIC BED

HB-43-1

STAINLESS STEEL CHILD BED

HB-35

INFANT BED **HB-36**

STAINLESS STEEL INFANT BED

HB-39

EMERGENCY TROLLEY

HF-46

MEDICINE TROLLEY

HF-45-1

ANESTHESIA TROLLEY

HF-1

STAINLESS STEEL APPLIANCE TROLLEY

HF-19

ABS APPLIANCE TROLLEY

HF-47

STAINLESS STEEL TREATMENT TROLLEY

HF-16

FURNITURE & LOGISTICS

STAINLESS STEEL EXAMINATION BED

HB-40-2

AMBULANCE STRETCHER

H-3B

FOLDING STRETCHER

SCOOP STRETCHER

MOVABLE OVERBED TABLE

HF-32

ACCOMPANY CHAIR

HF-44-2

NURSE STOOL

HF-36-3

NURSE STOOL

HF-36

STAINLESS STEEL SCREEN

HF-35

IV STAND

STAINLESS STEEL WASTE CONTAINER

12L (20L)

MATTRESS

ABS BEDSIDE LOCKER

HD-2

EPOXY COATING BEDSIDE LOCKER **HD-7**

6-DOOR WARDROBE

HG-17-1

3-DOOR WARDROBE

HG-20

COMPOSITE WORKING TABLE WITH STAINLESS STEEL TOP & BASE

HG-4

WORKING TABLE WITH STAINLESS STEEL TOP & BASE

HG-5

STAINLESS STEEL APPLIANCE CUPBOARD

HG-9

STAINLESS STEEL APPLIANCE CUPBOARD

HG-11