



Where Care Meets Accuracy

Product Catalogue

Electromedical Series



Product list

Category	page
Company Profile	3
Home Care Series	4
Life Information Monitoring System	7
ECG System	11
Infusion & Syringe System	16
Ultrasound System	18



IVOMED Private Limited



Be Pakistani. Buy Pakistani.

In today's rapidly evolving healthcare landscape, reliability, precision, and accessibility are more important than ever. Ivomed Private Limited stands at the forefront of this transformation as a DRAP-approved medical manufacturing facility, committed to delivering innovative, high-quality, and dependable healthcare solutions.

With a strong focus on local manufacturing backed by global standards, Ivomed specializes in a comprehensive range of diagnostic technologies, including Rapid Diagnostic Tests (RDTs), IVD and Immunoassay Kits, Chemistry and Hematology Analyzers with reagents, as well as Electrolyte Analyzers and associated consumables. Each product is developed with precision, ensuring accuracy, consistency, and reliability for healthcare professionals.

Expanding this commitment into electro-medical innovation, Ivomed proudly introduces IVO Care, its dedicated brand for electro-medical equipment. Designed to meet the practical demands of modern healthcare, IVO Care combines advanced technology with user-friendly design to deliver consistent performance across diverse medical environments.

The IVO Care portfolio includes Ultrasound Systems, Patient Monitors, ECG Machines, Nebulizers, Blood Pressure Monitors, and Oxygen Concentrators, engineered for durability, efficiency, and ease of use in hospitals, clinics, and home-care settings.

Founded by Asif Mehmood, whose leadership experience with Global Health Care established a strong foundation in the healthcare industry, Ivomed carries forward a legacy of trust, ethical practices, and long-term partnerships.

At Ivomed, we believe that the future of healthcare lies in accessible innovation and reliable local manufacturing. Through IVO Care, we are not just offering products, we are delivering confidence, performance, and care where it matters most.

Manufacturing Healthcare. Powering Pakistan.

Home Care Series

COMPRESSOR NEBULIZER HC - M3

- ▶ Short inhalation time, fast relief – with extensive accessories
- ▶ For treating the upper and lower airways – with compressed-air technology
- ▶ High proportion of respirable particles–helps with colds, asthma and respiratory diseases

Medical
nebulizer



Low
noise



Small atomized
particles



Safe and
Durable



COMPRESSOR NEBULIZER HC - M2

PRODUCT Features

- Lightweight and portable, atomize anytime, anywhere.
 - 60dB soft sound atomization, multiple noise reduction, soft sound does not disturb.
 - Adjustable atomization cup, the amount of fog can be adjusted as you like.
 - The atomized particles are fine and ultra-fine atomized, reaching deep into the lungs.
 - Mask/mouthpiece, two modes selectable.
 - Medical grade pp material, can directly contact with the baby's skin.
 - 220V low voltage DC, safety protection.
- The atomization rate and spray volume are constant, gentle and not throat-choking.

PRODUCT SPECIFICATION

Power supply	AC 220V
Atomization rate	≥0.2mL/min
Residual liquid amount	≤1.0 mL
Median particle size	2.5um±25%
Operating noise level	<45dB
Equivalent volume size distribution	
of fog particles	≥70%
Service life	3 years
Working power	<100W
Power supply	2AA batteries or DC5V
Net weight	About 1250g (without battery)
Dimension	150*150*90mm



Home Care Series



HANDHELD NEBULIZER HC-N2

PRODUCT INFORMATION

Atomizing rate	0.35ml/min
Median particle size	3um±25%
Medicine cup capacity	8ml
Operating noise level	<50dB(A)
Nominal frequency	108kHz
Residual liquid amount	≤0.5ml
Power supply	2"AA batteries or DC5V (optional lithium battery)
Net weight	about 109.5g (no battery)
Dimension	130*48*50mm

PRODUCT Features

- Compact and portable, low noise design.
- Atomized particles can reach deep into the lungs.
- High sensitivity water detection, small liquid residue is not wasted.
- Intelligent low power mode with long standby time.
- Self-contained cleaning mode.



ARM TYPE BLOOD PRESSURE MONITOR HC-BPA2

PRODUCT Features

Blood pressure measure unit:

mmHg/kPa. According to habit to switch.

Hierarchical display blood pressure measurement result.

Low battery warning.

Overpressure protection, automatic fast exhaust when air pressure over 295mmHg(20ms).

Automatic power off when there is no operation for 2 minutes.

Streamlined appearance design.

Accommodates two users, storing up to 99 readings per user on one device.

Optional function: Voice, backlight, Bluetooth, lithium battery.

PRODUCT SPECIFICATION

NIBP	Static pressure measurement range: 0-280 mmHg
PR	Accuracy:±3mm Hg(±0.4kPa) Measurement range:40BPM~199BPM
Measurement	upper arm
Display	segment LCD display
Power	4 AA alkaline batteries, DC6.0V
Product dimension	130.9*96.1*63.1mm
Product weight	237g



Home Care Series

DAILY OXYGEN PROTECTION AND HEALTH CARE

Model:HC-OXY502N



Imported molecular sieve gives you a full sense of
security with natural enjoyment!

homecare —Homecare Oxygen Concentrator, protect the family's oxygen health.

Life Information Monitoring System

HP-PM15

Multi-parameter patient Monitor

Features

- 12.1-inch color LCD display.
- Suitable for Adult, Peds.
- Multi- channel waveform display.
- ST segment analysis.
- Alarm sound can be set.
- Record and return electrocardiogram waveform.
- Network connection and center monitor system.(Optional)
- Standard parameter (ECG, RESP, PR/HR, NIBP, TEMP, SPO2



Standard Accessories



✓ ECG Cable

✓ Temperature sensor

✓ Power cord

✓ Spo2 sensor

✓ Nibp cuff & tube

✓ Ground wire

Life Information Monitoring System

HP-PM14

Multi-parameter patient Monitor

Features

- 14-inch color LCD display.
- Suitable for Adult, Peds.
- Multi-channel waveform display.
- ST segment analysis.
- Alarm sound can be set.
- Record and return electrocardiogram waveform.
- Advanced streamline outline design, portable, compact, lightweight.
- Support wire or wireless central monitoring system.(Optional)
- Standard parameter (ECG, RESP, PR/HR, NIBP, TEMP, SPO2



Standard Accessories



✓ ECG Cable

✓ Temperature sensor

✓ Power cord

✓ SpO2 sensor

✓ Nibp cuff & tube

✓ Ground wire

Life Information Monitoring System

HP-PM12

Multi-parameter patient Monitor

Features

- 12.1-inch color LCD display.
- Suitable for Adult, Peds.
- Multi-channel waveform display.
- ST segment analysis.
- Alarm sound can be set.
- Record and return electrocardiogram waveform.
- Built-in rechargeable lithium battery.
- With data power-off storage function.
- Three-application mode: monitoring, diagnosis, operating.
- Network connection and center monitor system.(Optional)
- Standard parameter (ECG, RESP, PR/HR, NIBP, TEMP, SPO2



Dual Alarm Light

Physiological Alarm Light & Equipment
Technical Alarm Light Extra Large Alarm
Light Design



Various Extensible Interfaces

Standard: Ethernet Network, Defibrillation
Synchronization Output, Nurse Call
Output: analog output, USB Port, VGA output

All-in-one

ECG, RESP, SPO2, NIBP, 2-TEMP(Standard)
9-leads ECG, 2-IBP, Cardio Output(ICG)
Side stream / main stream / micro stream CO2

Built-in Recorder & WLAN modular (options)

3-Channel thermal recorder offers convenient documentation
Wifi wireless connectivity realizes in hospital transportation

Life Information Monitoring System

HP-PM07

Multi-parameter patient Monitor

Features

- Color is optional : Red/Green.
- Fanless design, quiet.
- Suitable for Adult, Peads.
- Simulated blood oxygen technology.



Ward Rounds



Portable



Transfer



Waterproof



ECG System

HP-EM03B

ECG Machine

Three Channel



Features



High accuracy digital filter, automatic baseline adjustment



5 inch touch screen brings accurate diagnostic display and efficient operation



Thermal printer can accurately trace each dot of ECG waveform



The design keyboard greatly streamlines the workflow



USB / UART ports support USB storage



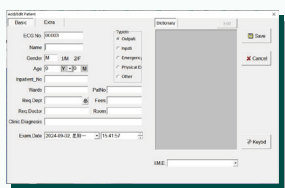
Multiple language and a variety of peripherals



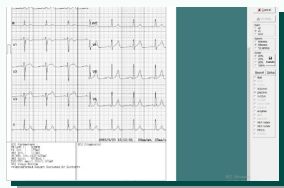
Adapt to 110-230V, 50/60Hz power supply Built-in rechargeable Li-ion battery

Function

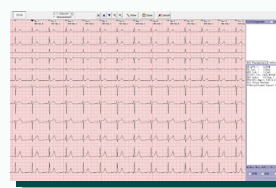
Accurate pulse pace identification function



► Easy to input patient information



► Interface of print patient report



► Preview patient report



► ECG automatic measurement / analysis technology , measurement and analysis of any heartbeat , Smart removal of poor quality waveform

ECG System

HP-EM03C

ECG Machine

Three Channel



Features



High accuracy digital filter, automatic baseline adjustment



5 inch touch screen brings accurate diagnostic display and efficient operation



Thermal printer can accurately trace each dot of ECG waveform



The design keyboard greatly streamlines the workflow



USB / UART ports support USB storage



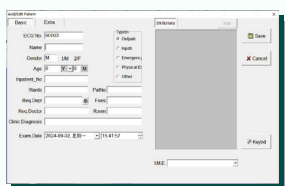
Multiple language and a variety of peripherals



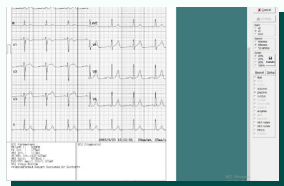
Adapt to 110-230V, 50/60Hz power supply Built-in rechargeable Li-ion battery

Function

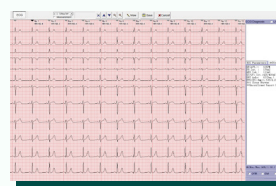
Accurate pulse pace identification function



► Easy to input patient information



► Interface of print patient report



► Preview patient report



► ECG automatic measurement / analysis technology , measurement and analysis of any heartbeat , Smart removal of poor quality waveform

ECG System

HP-EM12A

ECG Machine

Twelve Channel

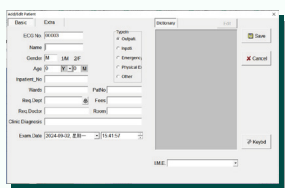


Features

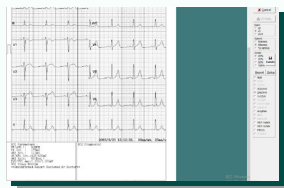
-  High accuracy digital filter, automatic baseline adjustment
-  7 inch touch screen brings accurate diagnostic display and efficient operation
-  Thermal printer can accurately trace each dot of ECG waveform
-  The design keyboard greatly streamlines the workflow
-  USB / UART ports support USB storage
-  Multiple language and a variety of peripherals
-  Adapt to 110-230V, 50/60Hz power supply Built-in rechargeable Li-ion battery

Function

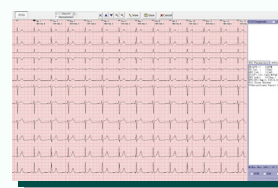
Accurate pulse pace identification function



► Easy to input patient information



► Interface of print patient report



► Preview patient report



► ECG automatic measurement / analysis technology , measurement and analysis of any heartbeat , Smart removal of poor quality waveform

ECG System

HP-EM12B

ECG Machine

Twelve Channel



Features



High accuracy digital filter, automatic baseline adjustment



10.4 inch touch screen brings accurate diagnostic display and efficient operation



Thermal printer can accurately trace each dot of ECG waveform



The design keyboard greatly streamlines the workflow



USB / UART ports support USB storage



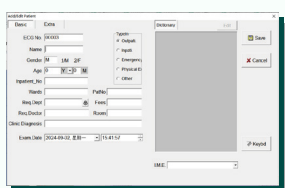
Multiple language and a variety of peripherals



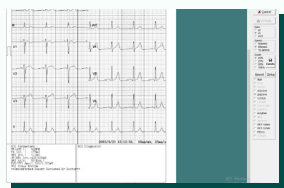
Adapt to 110-230V, 50/60Hz power supply Built-in rechargeable Li-ion battery

Function

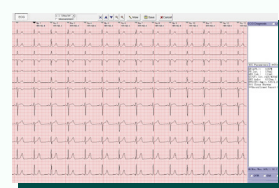
Accurate pulse pace identification function



► Easy to input patient information



► Interface of print patient report



► Preview patient report



► ECG automatic measurement / analysis technology , measurement and analysis of any heartbeat , Smart removal of poor quality waveform

ECG System

HP-EM12C

ECG Machine

Twelve Channel



Features



High accuracy digital filter, automatic baseline adjustment



5 inch touch screen brings accurate diagnostic display and efficient operation



Thermal printer can accurately trace each dot of ECG waveform



The design keyboard greatly streamlines the workflow



USB / UART ports support USB storage



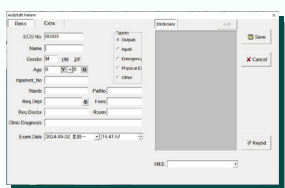
Multiple language and a variety of peripherals



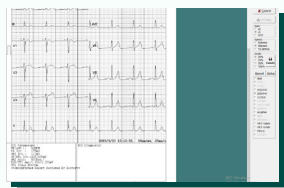
Adapt to 110-230V, 50/60Hz power supply Built-in rechargeable Li-ion battery

Function

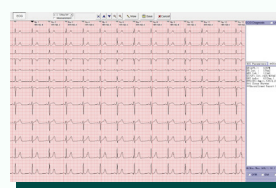
Accurate pulse pace identification function



► Easy to input patient information



► Interface of print patient report



► Preview patient report



► ECG automatic measurement / analysis technology , measurement and analysis of any heartbeat , Smart removal of poor quality waveform

Infusion & Syringe System

HP-IP03

Infusion Pump

Display	3-inch LCD screen
Sound and light prompt	Red and yellow lights
Injection volume	Real-time display of cumulative Injection volume
Adjustable	Key tone setting , prompt volume, occlusion pressure prompt upper limit
Power	100~240V AC, 50/60HZ
Battery	11.1V 2000mAh rechargeable lithium battery
Working method	Continuous work
Working mode	Speed mode, Drop count mode ,Time mode
Product weight	About 1.5kg



Quick Queue, Quick Loss

Data storage, convenient to review

Convenient door opening structure

POST, audible alarm, memory function

Small and light, with large - capacity lithium battery

Features



KVO status

Auto progress KVO mode. Keep the patient's veins open



Audible alarm

Sensitive alarm reminder to ensure injection safety in real time



Pressure monitoring

Overvoltage protection. The blocking pressure can be detected precisely and sensitively by a pressure sensor installed in the push handle.



One-key operation

fulfill conversion between d/min and ml/h;



Data storage

Data storage function, convenient for medical staff to review historical alarm information



Safe and reliable

System self-test is completed as turning on, which ensures safe work; Real-time bubble monitoring, more secure and reliable

SIMPLIFIED

SAFE

SMART

$\pm 5\%$

Infusion volume
accuracy error

0.1ml -
9999.9ml

Infusion
volume preset

1ml/h -
1200ml/h

Infusion speed

IPX1

IP level

Infusion & Syringe System

HP-SP01 Syringe Pump

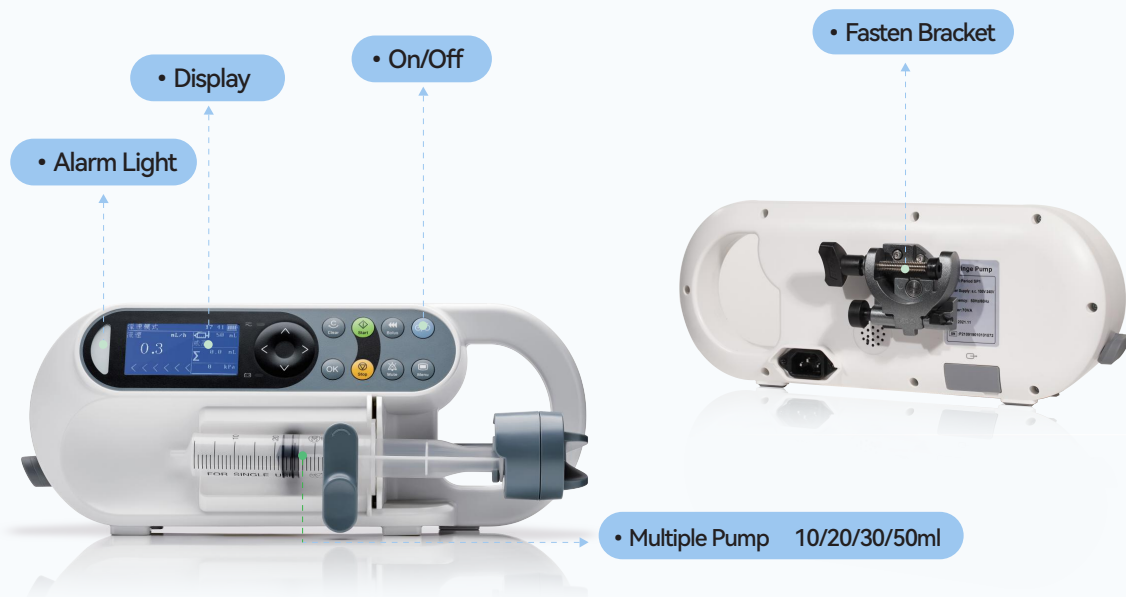
Product weight	2.0kg
Injection specification	10, 20, 30, 50ml
Infusion velocity range	10ml Syringe: 0.1ml~300ml/h 20ml Syringe: 0.1ml~600ml/h 30ml Syringe: 0.1ml~900ml/h 50ml syringe: 0.1ml~1500ml/h Minimum step: 0.1ml/h
Prompt	Audible and visual prompt
Prompt volume	3 level adjustable(high, middle, low)
KVO	0~1ml adjustable
Charging time	The charging time in the off state is more than 10 hours

▶ **0.1ml/h—1500ml/h**
Rate(the range reference 50ml syringe)

▶ **1000**
Date storage

▶ **0.1ml—9999.9ml**
Cumulative Volume

▶ **< ± 3%**
Precision



Auto-lock Screen

Automatic Lock Screen is able to prevent operation errors



History Record Cassette

Up to 2000pcs records, including operation, alarm and modification; Trackable treatments are ensured.



Pressure Monitoring

3 pressure levels are editable to ensure great injection accuracy.



Single CPU

Guarantee for safer work



System Self-test

Safe guardian for every single use; System self-test is conducted every time turning on, including alarm indicator; volume, pressure, air bubbles, etc



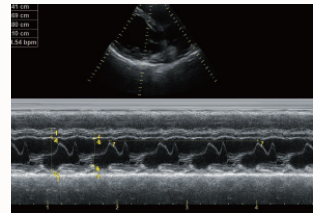
Easier Operation

Design as One-key Rotary Knob and innovative interactive user interface;

Ultrasound System

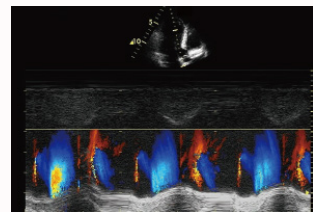
Revo 9

Diagnostic Ultrasound System



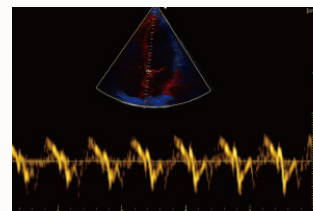
Anatomical 3M Imaging (AM)

AM is not restricted by three orthogonal planes, the technology of artificially cutting volumed data in any direction and angle through straight lines, curves, polylines, and trajectories of any plane or angle, so as to obtain any imaginary plane.



Color M Mode (MC)

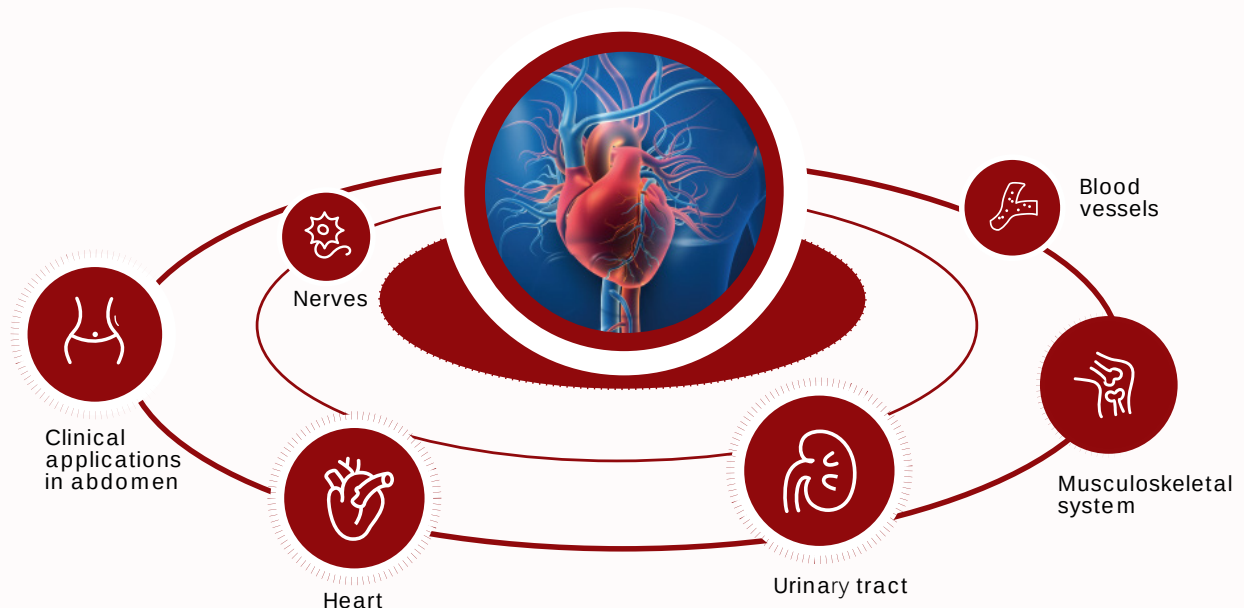
It is used for cardiac examination. Color blood flow uses speed and variance color maps to make colors superimposed on M-mode images. Color blood flow covers B-mode images and M-mode timeline.



Tissue Doppler Imaging (TDI)

TDI enables the identification of spatial and temporal myocardial deformation distribution between different segments. By offering objective and reliable evaluation of myocardial movement and function,

PRODUCT FEATURES



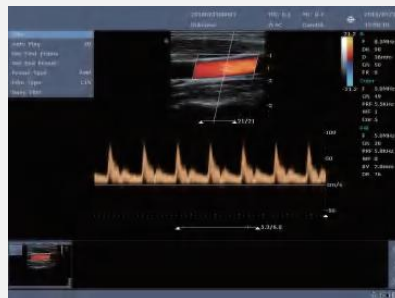
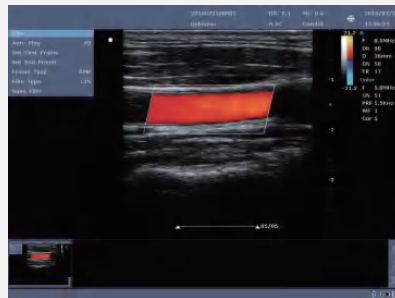
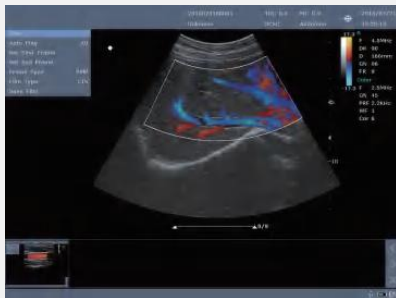
Ultrasound System

HP - P151B

Portable Color Doppler Ultrasound System

Features

- Display Mode: B BB 4B M B/M CFM PW PDI.
- Built-in Workstation to support patient data retrieval and browsing.
- Excellent image post-processing capabilities.
- One-click quick save for easy operation.
- Magnetic suction method for better protection of the display screen.
- Built-in large-capacity lithium battery for convenient and quick outings and consultations.
- Array elements: 96 array elements.
- Large capacity lithium battery has a long standby time of 5 hours.
- Can be equipped with probe: convex array, linear array, micro-convex, trans-vaginal Probe.
- Probe for the default option, refinement choosing different inspection area.



Various Universal Probe



3.5MHz
Convex Probe



7.5MHz
Linear Probe



6.5MHz
Trans-vaginal Probe



5.0MHz
Micro-Convex Probe

Ultrasound System

HP - BW12

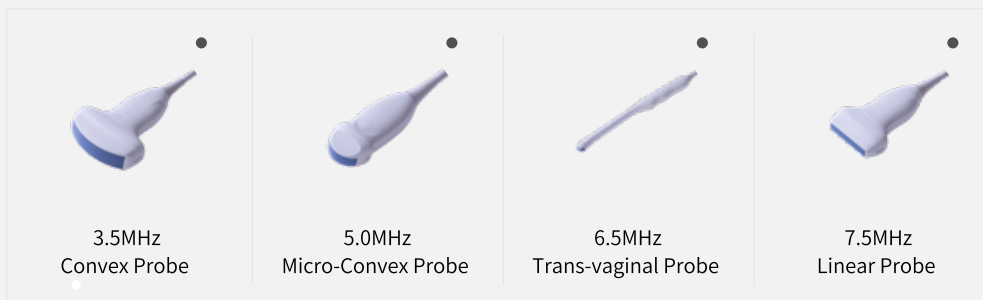
Digital Diagnostic Ultrasound System

Features

- With a standard medical ultrasound workstation report page.
- Large capacity lithium battery, can standby about 5 hours (optional).
- One key to optimize/save image.
- Automatic image loop presentation.
- Rich Measurement Functions(Animal pregnancy detection).
- Array elements: 80 array elements 32 channels.
- Can be equipped with probe: convex array, linear array, micro-convex, trans-vaginal Probe.
- With different race measurement formula Probe with.
- Language: Chinese / English / French / Spanish / Portuguese / Russian.
- Multi-department software package: preset adjustment conditions, one-key optimization.



Various Universal Probe



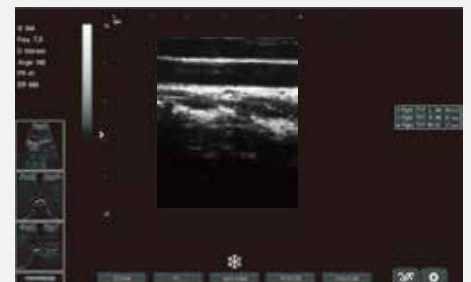
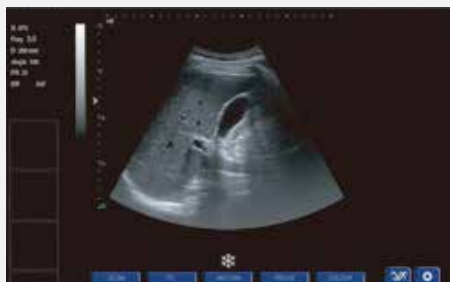
Ultrasound System

HP - BW15

Digital Diagnostic Ultrasound System

Features

- Probe array element: automatically identify and use a variety of array element probe (80/96/128 elements).
- Built in large capacity lithium battery, max standby time 5 hours.
- One key optimization function.
- Multi-language function: Chinese, English, German, French, Spanish, Portuguese, Russian, Turkish, Arabic etc.
- Notation: Full screen character editor, body mark, position indication.
- Built-in instruction manual.
- Array elements: 80 array elements 32 channels.
- Multiple array party member probes (80/90/128 array elements).
- Large capacity lithium battery has a long standby time of 5 hours.
- Can be equipped with probe: convex array, linear array, micro convex, trans-vaginal probe.
- With different race measurement formula.



Various Universal Probe



3.5MHz
Convex Probe



5.0MHz
Micro-Convex Probe



6.5MHz
Trans-vaginal Probe



7.5MHz
Linear Probe

