



Nanjing Perlove Medical Equipment Co.,Ltd.

CATALOGUE

X-ray Equipment & Related Instrument

Clinical Laboratory Equipment

Blood Analyzer

Clinical Diagnosis Reagents

Hematology Reagents

Cardiac Troponin I Fast Diagnostic Products

Nanjing Perlove Medical Equipment Co., Ltd

Aug, 2010



Add.: NO.168 Kaiyuan Road Jiangning Science Park,Nanjing 211112

Tel:0086-25-87187780/87187776

Fax: 0086-25-52633132

E-mail:overseas@perlong.com.cn



CONTENTS

X-ray Equipment & Related Instrument

1. PLX100 High Frequency Mobile X-ray Equipment	5
2. PLX101A High Frequency Mobile X-ray Equipment	6
3. PLX101B High Frequency Mobile X-ray Equipment	7
4. PLX101C High Frequency Mobile X-ray Equipment	9
5. PLX101D High Frequency Mobile X-ray Equipment	10
6. PLX102 Mobile X-ray Equipment	11
7. PLX112 High Frequency Mobile X-ray C-arm System	12
8. PLX112B High Frequency Mobile X-ray C-arm System	14
9. PLX112C High Frequency Mobile X-ray C-arm System	16
10. PLX160/160A High Frequency X-ray Radiograph System	17
11. PLX 8200 High-frequency digital radiography X-ray Machine System	20
12. PLXF150 Mobile Surgical Bed for C-arm	23
13. PLXF151 Simple Surgical Bed for C-arm	23
14. PLXF152 Bed for Mobile X-ray Camera	24
15. PLD6000 High Frequency Digital medical diagnostic X-ray Machine	25
16. PLD 5000A Surgical X-ray Machine	27





17. PLD 5000B 500mA X-ray Radiograph system	29
18. PLD 998 Bucky Stand	31
Clinical Laboratory Equipment:	
19. DNM-9606 Microplate Reader	32
20. DNM-9602 Microplate Reader	33
21. DNM-9602A Microplate Reader	33
22. DNM-9602G Microplate Reader	34
23. DNX-9620(A) Microplate Washer	34
24. PUN-2048B Two- channel Blood Coagulation Analyzer	35
25. PUN-2048 Four- channel Blood Coagulation Analyzer	36
26. PUS-2018G Biochemistry Analyzer	38
27. PUS-2018 Biochemistry Analyzer	39
28. PL1000A/B Electrolyte Analyzer	41
29. PL1300 Electrolyte Analyzer	43
30. PL2000 Blood Gas Analyzer	44
31. PUY-1688 Urine Chemistry Analyzer	46
Blood Analyzer	
32. XF-1(C) Hemoglobin Meter (Vertical/Horizontal)	47
33. XFA6000 Auto Hematology Analyzer(22 Parameters)	48



34. XF9080 Animal Hematology Analyzer	49
35. XF9030B Hematology Analyzer(21 Parameters)	50
36. XF9030C Hematology Analyzer(16 Parameters)	51
37. XF9030D Hematology Analyzer(22 Parameters)	52
Reagents	
38. Clinical Diagnosis Reagents	54
Biochemistry Analyzer Reagents Kits	
39. Hematology Reagents	55
• For Perlong	
• For Sysmex	
• For ABX	
• For Mindray	
• For NIHON KOHDEN	
• For AC	
• For Coulter	
• For ABBOTT	
Washing Solution	
Hematology Control	
Electrolyte Analyzer Reagent Kits	
Non-cyanogen Hemoglobin Calibrating Solution	
40. Cardiac Troponin I Fast Diagnostic Products (No English vision) ·	64
41. 微生物平板培养((No English vision)	66

PLX100 High Frequency Mobile X-ray Equipment

Specifications

Power Output	: 2.5KW		
Frequency	: 25KHz		
X-ray Tube	: Fixed anode Focus 1.5 (X-ray tube for high frequency)		
Tube Voltage	: 40~100KV (interval 1KV)		
Tube Current	40~49KV	50mA	1~160 mAs
	50~59KV	42mA	1~160 mAs
	60~69KV	36mA	1~140 mAs
	70~79KV	31mA	1~125 mAs
	80~89KV	28mA	1~100 mAs
	90~100KV	25mA	1~80 mAs
mAs	1.0~160 mAs (45steps)		
Power Supply	: 220V±10% 50Hz inner-resistance≤1.0Ω		
Operation Method	: Wire/Wireless control		
Packing Details	: 1240mm×900mm×1460mm N.W. 150kgs G.W.210kgs		



Features

1. Structure designed based on anthropotomy, with beautiful appearance, and easy to operate.
2. With high frequency inverter to emit high quality X-ray and low dose on skin.
3. With techniques of KV analog closed loop control, mAs digital closed loop control and micro-processing real-time control to ensure precision and repeatability of the dose.
4. With kV, mAs two button adjustment, LCD display, multifunction of safeguard.
5. With 50 preset exposure programs, and can be modified and stored by the user for convenient operation.
6. With a high-quality knockdown X-ray generator to reduce irradiation, which is much safer to environment and operator.
7. With a symmetrical beam applicator to adjust the X-ray field and a collimator lamp to locate the field to ensure accurate radiograph.

PLX101A High Frequency Mobile X-ray Equipment(63mA)

Specifications

Power Output	: 3.5KW
Frequency	: 40KHz
X-Ray Tube	: Fixed anode
focus	: 1.5
Tube Voltage	: 40~110KV (interval 1KV)
Tube Current	: 40~49KV 63mA 1~125 mAs 50~59KV 55mA 1~110 mAs 60~69KV 45mA 1~90 mAs 70~79KV 40mA 1~80 mAs 80~89KV 36mA 1~71 mAs 90~99KV 32mA 1~63 mAs 100~110KV 20mA 1~40 mAs
mAs	: 1.0~125 mAs (43 steps)
Power Supply	: 220V±10% 50Hz inner-resistance≤1.0Ω
Operation Method	: Wire/Wireless control
Packing Details	: 1240mm×900mm×1460mm N.W. 150kgs G.W.210kgs



Features

1. With high frequency inverter to emit high quality X-ray and low dose on skin, and ensure excellent definition and contrast of pictures.
2. With techniques of KV analog closed loop control, mAs digital closed loop control and micro-processing real-time control to ensure precision and repeatability of the dose.
3. With kV, mAs two button adjustment, LCD display, multifunction of safety guard.
4. With 50 preset exposure programs, and can be modified and stored by the user for convenient operation.
5. With a high-quality knockdown X-ray generator to reduce irradiation, which is much safer to environment and operator.
6. With a symmetrical beam applicator to adjust the X-ray field and a collimator lamp to locate the field to ensure accurate radiograph.

PLX101B High Frequency Mobile X-ray Equipment(63mA)

Specifications

Power Output	: 3.5KW
Frequency	: 40KHz
X-Ray Tube	: Fixed anode
focus	: 1.5
Tube Voltage	: 40~110KV (interval 1KV)
Tube Current	: 40~49KV 63mA 1~125 mAs 50~59KV 55mA 1~110 mAs 60~69KV 45mA 1~90 mAs 70~79KV 40mA 1~80 mAs 80~89KV 36mA 1~71 mAs 90~99KV 32mA 1~63 mAs 100~110KV 20mA 1~40 mAs
mAs	: 1.0~125 mAs (43 steps)
Built-in Battery	: With a built-in back up battery to enable taking 200 to 500 pictures after power interruption.
Power Supply	: 220V±10% 50Hz inner-resistance≤1.0Ω
Operation Method	: Wire/Wireless control
Packing Details	: 1240mm×980mm×1510mm N.W. 150kgs G.W.210kgs



Features

1. Structure designed based on anthropotomy, with beautiful appearance, and easy to operate.
2. With high frequency inverter to emit high quality X-ray and low dose on skin, and ensure excellent definition and contrast of pictures.
3. Color LCD display, automatic X-ray tube test with memory for convenient operation.
4. With a high-quality knockdown x-ray generator to reduce irradiation, which is much safer to environment and operator.
5. Electrically controlling the ascending & descending of the rocker, and it can be left and right swing at a range of ± 90°, which enables more flexible and more convenient radiograph.
6. With a built-in backup battery to enable work after power



Nanjing Perlove Medical Equipment Co.,Ltd.

interrupted, and without any special requirement to power supply,
and with multifunction of safeguard.



Add.: NO.168 Kaiyuan Road Jiangning Science Park,Nanjing 211112
Tel:0086-25-87187780/87187776
Fax: 0086-25-52633132

E-mail:overseas@perlong.com.cn

PLX101C High Frequency Mobile X-ray Equipment(100mA)

Specifications

Power Output: 5.0KW

Frequency: 40KHz

X-ray Tube: Fixed anode

Focus 1.5

Tube Voltage: 40~120KV (interval 1KV)

Tube Current: 40~49KV 100mA 1~180 mAs

50~59KV 77mA 1~140 mAs

60~69KV 64mA 1~125 mAs

70~79KV 55mA 1~110 mAs

80~89KV 49mA 1~100 mAs

90~99KV 44mA 1~80 mAs

100~109KV 32mA 1~63 mAs

110~120KV 25mA 1~50 mAs

mAs: 1.0~180 mAs (46 steps)

Power Supply: 220V±10% 50Hz inner-resistance≤1.0Ω

Operation Method: Wire/Wireless control



PERLONG

PLX101D High Frequency Mobile X-ray Equipment(100mA)

Specifications

Power Output: 5.0KW

Frequency: 40KHz

X-ray Tube: Fixed anode

Focus : 1.5

Tube Voltage: 40~120KV (interval 1KV)

Tube Current:	40~49KV	100mA	1~180 mAs
	50~59KV	77mA	1~140 mAs
	60~69KV	64mA	1~125 mAs
	70~79KV	55mA	1~110 mAs
	80~89KV	49mA	1~100 mAs
	90~99KV	44mA	1~80 mAs
	100~109KV	32mA	1~63 mAs
	110~120KV	25mA	1~50 mAs

mAs: 1.0~180 mAs (46 steps)

Power Supply: 220V±10% 50Hz inner-resistance≤1.0Ω

Operation Method: Wire/Wireless control

With a back-up battery



PERLONG

PLX102 Mobile X-ray Equipment

Specifications

Power Output	: 3KW
X-Ray Tube	: Fixed anode
Commute Method	: Full wave commutation
Tube Voltage	: 40~90KV
Tube Current	: 50~90KV 15mA 50~90KV 30mA 40~80KV 50mA
Exposure Time	: 50~90KV 15mA 0.1~6.3s 50~90KV 30mA 0.1~6.3s 40~80KV 50mA 0.1~1.5s
Power Supply	: 110V±10% 60Hz inner-resistance≤1.0Ω 4KVA
Operation Method	: Wire /Wireless control
Packing Details	: 1240mm×750mm×1460mm N.W.150kgs G.W.210kgs



PERLONG



PLX112 High Frequency Mobile X-ray C-arm System

Specifications

Fluoroscopic Capacity

Max rated capacity : Tube Current 4mA, Tube Voltage 110kV

Automatic Fluoroscopy : Tube Voltage:40kV~110kV adjust automatically

Tube Current : 0.3mA~4mA set manually

Manual Fluoroscopy : Continuous Tube Voltage:40kV~110kV

Continuous Tube Current : 0.3mA~4mA

Pulse Fluoroscopy : Continuous Tube Voltage 40kV~110kV
Continuous Tube Current 4.1mA~8mA

Photography Capacity

Max rated capacity : 3.5 KW

Tube Voltage and Current Combination

: 40kV~49kV 1 ~125 mAs

50kV~59kV 1 ~110 mAs

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

Plateholder Size : 200mm×250mm(8"×10")or
250mm×300mm (10"×12")

X-ray Tube

X-ray Tube Special for High Frequency

Fixed anode

Dual-focus: large focus: 1.5, small focus: 0.6

Inverter Frequency: 40KHz

Thermal capacity: 30KJ (40HU)

VideoSystem

Image Intensifier : Image Intensifier made by TOSHIBA (9",
6", 4.5")

CCD Vidicon : Ultra low-light CCD camera imported from
Japan



PLX112系列标准配置



Add.: NO.168 Kaiyuan Road Jiangning Science Park,Nanjing 211112

Tel:0086-25-87187780/87187776

Fax: 0086-25-52633132

E-mail:overseas@perlong.com.cn



Monitor	: Horizontal 1000 lines and vertical 800 lines, Bandwidth : 12.5MHz, Image/sec : 75
CCU(central control)	: Recursive Filter: K=8, 8 images storage, image upright, image overturn, positive & negative image: LIH(last image freeze, and OSD (monitor display)
Structure	
Directive wheel	: $\pm 90^\circ$ revolution, can freely change the moving direction of the unit.
Ascending & Descending Range of Pillar	: ≥ 400 mm
C-arm	: Forward and Backward Movement: 200mm Revolution around Horizontal Axis: $\pm 180^\circ$ Revolution around Vertical Axis : $\pm 15^\circ$ Slip on orbit: $120^\circ(+90^\circ \sim -30^\circ)$
Packing Details	: 2440mm \times 1100mm \times 1420mm N.W. 300kgs G.W.400kgs

Features

- 1、 With a small and beautiful appearance, and easy to operate;
- 2、 Clinical Video system with high performance, 8 images storage volume, and two 14" high-resolution monitors;
- 3、 Automatically track fluoroscopy to make the image brightness and clearness optimum;
- 4、 Automatically store the last image of fluoroscopy to advantage diagnosis;
- 5、 With a high-quality knockdown X-ray generator to reduce radiation



PLX112B High Frequency Mobile X-ray C-arm System

Specifications

Fluoroscopic Capacity

Max rated capacity	: Tube Current 4mA, Tube Voltage 120kV
Automatic Fluoroscopy	: Tube Voltage:40kV~120kV adjust automatically
Tube Current	: 0.3mA~4mA set manually
Manual Fluoroscopy	: Continuous Tube Voltage:40kV~120kV
Continuous Tube Current	: 0.3mA~4mA
Pulse Fluoroscopy	: Continuous Tube Voltage 40kV~120kV Continuous Tube Current 4.1mA~8mA

Photography Capacity

Max rated capacity	: 5 KW
Tube Voltage and Current Combination	: 40kV~49kV 1 ~180 mAs 50kV~59kV 1 ~140 mAs 60kV~69kV 1 ~125 mAs 70kV~79kV 1 ~110 mAs 80kV~89kV 1 ~100 mAs 90kV~99kV 1 ~80 mAs 100kV~109kV 1 ~63 mAs 110kV~120kV 1 ~50 mAs

Plate holder Size	: 200mm×250mm(8"×10")or 250mm×300mm (10"×12")
-------------------	--

X-ray Tube

X-ray Tube Special for High Frequency	
Fixed anode X-ray tube	
Dual-focus:	large focus: 1.5, small focus: 0.3
Main Inverter Frequency:	40KHz
Thermal capacity:	30KJ (40KHU)

Video System

Image Intensifier	: Image Intensifier made by TOSHIBA (9"、6"、4.5")
CCD Vidicon	: Ultra low-light CCD camera imported from Japan



PLX112系列配影像工作站



Monitor : Horizontal 1000 lines and vertical /margin/edge
800 lines, Bandwidth : 12.5MHz,
Image/sec : 75

CCU(central control) : Recursive Filter: K=8,8 images storage,
image upright, image overturn, positive &
negative image; LIH(last image freeze, and
OSD (monitor display)

Structure

Directive wheel : $\pm 90^\circ$ revolution, can change the moving
direction of the unit at will.

Ascending & Descending Range of Pillar : ≥ 400 mm

C-arm : Forward and Backward Movement: 200mm
Revolution around Horizontal Axis: $\pm 180^\circ$
Revolution around Vertical Axis : $\pm 15^\circ$
Slip on orbit: $120^\circ(+90^\circ \sim -30^\circ)$

Packing Details : 2440mm \times 1100mm \times 1420mm
N.W. 300kgs G.W.400kgs

Features

- 1、With a small and beautiful appearance, and easy to operate;
- 2、Clinical Video system with high performance, 8 images storage volume, and two 14" high-resolution monitors;
- 3、Automatically track fluoroscopy to make the image brightness and clearness optimum;
- 4、Automatically store the last image of fluoroscopy to advantage diagnosis;
- 5、With a high-quality knockdown X-ray generator to reduce radiation

PERLONG



Add.: NO.168 Kaiyuan Road Jiangning Science Park,Nanjing 211112

Tel:0086-25-87187780/87187776

Fax: 0086-25-52633132

E-mail:overseas@perlong.com.cn



Working Station

(standard layout) : real-time image collection, specular image ,
recursive level 0-15 continuously adjustable,
last frame frozen, Gamma correction, mass storage,
image W/L adjustable, gray-scale conversion,
interest district balance, reversal, noise reduction,
intensify, smooth, sharpen, compress, enlarge,
measurement, label, print and typesetting,
DicomSCP, DicomSCU, DicomDIR, Dicom
Printing Structure

Direction wheel : $\pm 90^\circ$ revolution, can change the moving
direction of the unit at will.

Ascending & Descend-
ing Range of Pillar : $\geq 400\text{mm}$

C-arm : Forward and Backward Movement: 200mm,
Revolution around Horizontal Axis: $\pm 180^\circ$
Revolution around Vertical Axis : $\pm 15^\circ$,
focus screen distance:1000mm,
C-arm opening:800mm, C-arm arc depth : 640mm
Slip on orbit: $120^\circ(+90^\circ \sim -30^\circ)$

Packing Details : 2440mm \times 1220mm \times 1430mm
N.W. 300kgs G.W.400kgs

Features

- 1、 With a small and beautiful appearance, and easy to operate;
- 2、 Clinical Video system with high performance, 7 images storage volume, and two 14" high-resolution monitors;
- 3、 Automatically track fluoroscopy to make the image brightness and clearness optimum;
- 4、 Automatically store the last image of fluoroscopy to advantage diagnosis;
- 5、 With a high-quality knockdown X-ray generator to reduce radiation
- 6、 one million pixels ultra low-light CCD camera and real Pulse Fluoroscopy .



PLX160 High Frequency X-ray Radiograph System(200mA)



Specifications

Power Output	: 15KW
Inverter Frequency	: 40kHz
X-Ray Tube	: XD56-5 17/130
	Small focus: 0.3 Large focus: 0.6
	Thermal capacity: 212kJ (300 KHU)
The speed of the rotary anode:	3000rpm
Tube Voltage	: 40~125kV
Tube Current	: 200mA
mAs	: 0.4~360mAs
Bucky grid	: Grid density 103L/INCH; Grid ratio:10:1
	Focus distance:150cm Stationary
	18"×18"(import)
Power supply	: 220V±10% 50Hz, Capacity: ≥16KW
Operation method	: graphic remote-control LCD touch screen
	and wireless remote-control exposure
	(Optional: control box of graphic remote-control
	LCD touch screen)



PLX160A High Frequency X-ray Radiograph System(200mA)

Specifications

Power Output	: 25KW
Inverter Frequency	: 40kHz
X-Ray Tube	: XD56-5 17/130
Small focus: 0.6	Large focus: 1.3
Thermal capacity:	212kJ (300 KHU)
The speed of the rotary anode:	3000rpm
Tube Voltage	: 40~125kV
Tube Current	: 200mA
mAs	: 0.4~360mAs
Bucky grid	: Grid density 103L/INCH; Grid ratio:10:1 Focus distance:150cm Stationary 18"×18"(import)
Power supply	: 380V±10% 50Hz, Capacity: ≥30KVA
Operation method	: graphic remote-control LCD touch screen and wireless remote-control exposure (Optional: control box of graphic remote-control LCD touch screen)



PLX 8200 High-frequency Digital radiography X-ray Machine System

Category	Item	Content	
High Frequency X-ray Machine	Max rated capacity of photography	25KW	
	Main inverter frequency	40KHZ	
	X-ray tube	Dual-focus	Small focus:0.6 Large focus: 1.3
		Rotating anode speed	3000rpm
	Maximum tube current	200MA	
	Tube voltage	40-125KV	
	Mas	0.4-360Mas	
Digital image processing system	Digital Detector	Type of detector	CCD
		Field of view	17*17 Inch
		Pixel	4K*4K
		Spatial resolution	≧ 3.0LP/mm
		Limit of spatial resolution	4.6LP/mm
		Pixel size	108um
		Grayscale output	14bit
		Imaging time	7S
	System control	Work station	Photo processing software,X-ray synchro control software,motion control software

	Image processing	Image post-processing	structure 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 and transmission	Dicom direct transmission, Dicom Worksite SCU, standard Dicom, DIR, film printing, mass storage(hard disk, compact disk)
Mechanical structure performance	U-shaped arm	Motorized vertical travel	450mm-1700mm(motorized control)
		Anode to Screen range	1000mm-1800mm(motorized control)
		Rotation range	-30°(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)	

PERLONG



PLX 8200 High-frequency Digital radiography X-ray Machine System

PERLONG

PLXF150 Mobile Surgical Bed for C-arm

Specifications

Size of the bed surface : 1960mm(length)×586mm(width)

Height of the bed surface : 660mm(lower position)~910mm
(upper position)

Ascending and descending range: ≥250mm

Loading capacity : ≥135KGS

Gradient bed surface

Bed surface can be taken-down, moved conveniently with wheel
brake control



PLXF151 Simple Surgical Bed for C-arm

Specifications

Size of the bed surface : 1960mm(length)×586mm(width)

Height of the bed surface : 800mm (fixed)

Loading capacity : ≥135KGS

Gradient bed surface



PERLONG

PLXF152 Bed for Mobile X-ray Camera

Specifications

Size of the bed surface	2000mm(length)×700mm(width)
Height of the bed surface	500mm
Moving range of cassette hanger	1680mm



PLD6000 high frequency digital X-ray system

(1) function

gastrointestinal fluoroscopy/radiography, gastrointestinal examination, chest radiography, head and whole body bone radiography gastrography, Esophagography, Myelography, Arthrography, cholangiography, bronchography, venography, angiography, urography, hysterosalpingography, [Pediatric Radiology, treat application of several intervention radiology](#)

(2) feature

★ base the optimization principle to produce, excellent config of whole system, satisfy clinical personalized requirement



★ latest technology of high frequency mainframe, digital image collection, gain the high quality image easily

★ show human-machine interface directly, excellent operation system, make man-machine conversation more conveniently and easy to understand

★ multiple safety control, make the image quality and radiation dose to

achieve organic balance

★ strong function of digital image processing, overall compatible with DICOM network application

PERLONG

PLD 5000A Surgical X-ray Machine



Specification

Item Contents

Power Supply Voltage: $380V \pm 38V$ Frequency: $50Hz \pm 1Hz$ Capacity: $\geq 40kVA$, Internal Resistance: $\leq 0.17\Omega$

Photography

Tube Voltage: 44kV~125kV, totally 41 grades

Tube Current: 32mA~500mA adjustable with different grades

Exposure time: 0.02s~4s, totally 21 grades; Control interface: touch-screen

Digital X-ray

High Voltage

System

Fluoroscopy

Tube Voltage: 44kV~110kV continuous adjustable with 2kV each grade

Tube Current: 0.5mA~5mA continuous adjustable

Digital controlled X-ray tube

Type: XD51-20, 40/125; Power output: 40kW(max) 20kW(min)

Anode thermal capacity: 100kJ; Assembly thermal capacity: 900kJ (1250kHU)

Rotary anode speed: 2700rpm; Tube focus: 2.0 (max) 1.0 (min)

Micro-controlled digital upper

tube remote-controlled surgical

bed



Nanjing Perlove Medical Equipment Co.,Ltd.

Movement range: 90° ~0° ~25°

Bed transverse movement range distance: $\pm 110\text{mm}$

Portrait movement of photography frame and track spot film: $\geq 720\text{mm}$

Photography dimension of whole film: 8" \times 10" ~ 14" \times 17"

Spot film division: whole film, 2-division film, 3-division film, 4-division film

Method to control bed: remote control, bed-control, Soft boot and stay of frequency conversion

Beam applicator: electrodynamics multi-pin

Bed-applied fixed bucky grid: Grid density: 103L/INCH

Grid ratio: 10:1, Focus distance: 120cm, 15" \times 18"

Digital TV system

EGA: 9" Toshiba, High resolution CCD (digital camera); imported low-light 0.47 MEGA PILEXS

Monitor: 14" medical high definition monitor, horizontal central resolution 1000 thread, edge 800 thread, video wideband 12.5mHz, 50bit, 25 pictures per second

Picture-process system: high definition and non-interlaced output, 8-grade noise reduction, 7 pictures in storage, LIH, mirror image rotation in vertical and horizontal, positive-negative image; OSD (monitor display)



PERLONG



Add.: NO.168 Kaiyuan Road Jiangning Science Park, Nanjing 211112

Tel: 0086-25-87187780/87187776

Fax: 0086-25-52633132

E-mail: overseas@perlong.com.cn

PLD5000B 500mA X-ray Radiograph system



Specifications:

Power Output	: 40KW
X-ray Tube	: Rotary anode
Focus	: 1.0mm
Thermal Capacity	: 140 KJ
Commute Method	: Full Wave Commutation
Tube Voltage	: 50~125KV,interval 1KV
Tube Current	: 32mA(min) ~500 mA (max) Adjustable with different grades
Exposure Time	: 0.020s~4.000s(23 grades)
Bucky grid	: Grid Density : 40L/cm Grid Ratio : 10:1 Focus Distance : 120cm Stationary Dimension : 15" × 18"
Power Supply	: Two Phases with Four Lines(380V±10%, 50Hz Inner-resistance≤0.3Ω Capacity ≥40KVA)

Structure

Bed Size	: 2000×760mm
Bed Height	: ≤700mm
Bed Transverse Movement Distance	: ±110mm
Bed Longitudinal Movement Distance	: ±450mm
Cassette Movement Distance	: ≥500mm
X-ray Generator Revolution around Pillar Center:	±90°



Nanjing Perlove Medical Equipment Co.,Ltd.

Pillar Turning	: 40°×9°
Pillar Movement Range along Bed	: ≥1300mm
Distance Between Focus and Film(SID)	: 500~1280mm
Time Limit of Collimator Lamp	: 15sec
Vertical Movement of Sternum Plank	: 480~1460mm
Film Size	: 5"×7"~14"×17"
Bed	:2200mm×1100mm×900mm N.W. 300kgs G.W.425kgs
Oil trunk	:800mm×700mm×1050mm N.W. 300kgs G.W.375kgs
Operation table	:1200mm×1000mm×1700mm N.W. 350kgs G.W.450kgs
Bucky stand	:2440mm×1100mm×900mm N.W. 250kgs G.W.375kgs

Features:

1. Anti-electroshock, radiation-proof, and full wave commutation.
2. With electromagnetism controlling system, fluctuation bed board and manual operation pillar to ensure a fast and reliable location.
3. Structure designed based on anthropotomy, with beautiful appearance, and easy to operate.
4. Convenient to take stretcher photograph.
5. A sternum plank is optional (grid density: 40L/cm; grid ratio: 10:1; focus distance: 120cm;stationary, dimension: 15" × 18" , and distance adjustable)

PERLONG



Add.: NO.168 Kaiyuan Road Jiangning Science Park,Nanjing 211112

Tel:0086-25-87187780/87187776

Fax: 0086-25-52633132

E-mail:overseas@perlong.com.cn

PLD998 Bucky Stand

Features:

- 1.Compact figuration; Fine structure and nice and novel sculpt
- 2.Using hand-ring bolt to fix, occupying little space and easy to operate.
- 3.Short distance between film and panel makes the distortion of photograph very small.
- 4.Korea-made ray-filtration grid brings a perfect articulation and contrast.



DNM-9606 Microplate Reader

Specifications

Measurement System : 8-Channel optical system

Wavelength Range:400nm~800nm;

Measurement Range : 0.001~3.000Abs

Photometric Accuracy : $\pm 1.0\%$ or ± 0.01 (test scope between 0.1~1.5)

Repeatability : $\leq 0.5\%$

Stability : $\leq \pm 0.005$ Abs

Linearity : $< \pm 1\%$ (test scope between 0.1~1.5)

Filters : 405,450,492,630nm

The instrument has single, doubleWave length inspecting

Function: absorbency, qualitative, quantitative analysis function, It can output 10 kinds of data, print 1000 patients' report, can store enquire and print quality control data and quality control curve of 6 itmes for whole month, it can input capital and lowercase through touch screen, it has three English character input method. It can store 200 inspecting prnram, 200 groups of parameter and curve, 105 groups of whole board inspecting data.

Filters : Standard:4 filters (405,450,492,630nm)

Totally 7 filters can be installed.



PERLONG

DNM-9602 Microplate Reader

Specifications

- Measurement System : 8-Channel optical system
- Measurement Range : 0.001~3.000Abs
- Photometric Accuracy : ± 0.01 Abs (0.001~1.500Abs)
- Repeatability : $< \pm 0.5\%$ (0.001~1.500Abs)
- Stability : < 0.005 Abs
- Linearity : $< \pm 1\%$ (0.001~1.500Abs)
- Filters : Standard:4 filters (405,450,492,630nm)
Totally 7 filters can be installed.



DNM-9602A Microplate Reader

Specifications

- Measurement System : 2-Channel optical system
- Measurement Range : 0.001—3.500Abs
- Photometric Accuracy : $\pm 1\%$ or ± 0.001 Abs
- Repeatability : $< \pm 0.5\%$
- Stability : < 0.005 Abs
- Linearity : $< \pm 1\%$
- Reading Speed : < 5 secs/96holes(single wavelength)
 < 7 secs/96holes(double wavelength)
- Filters : Standard: 450,492nm
- Packing Details: 660mm \times 500mm \times 380mm
N.W.8kgs G.W.10kgs



DNM-9602G Microplate Reader

Specifications

Measurement System : 8-Channel optical system
Measurement Range : 0.000-4.000Abs
Photometric Accuracy : $\pm 1\%$ or $\pm 0.001\text{Abs}$
Repeatability : $< \pm 0.3\%$
Stability : $< 0.002\text{Abs}$
Linearity : $< \pm 0.5\%$
Reading Speed : $< 5\text{secs}/96\text{holes}$ (single wavelength)
 $< 7\text{secs}/96\text{holes}$ (double wavelength)
Filters : Standard: 7 filters (405, 450, 492,630 nm)
or other wavelength on request.
Packing Details : 680mm \times 530mm \times 600mm
N.W.12kgs G.W.15kgs



DNX-9620 Computerized Microplate Washer

Specifications

Washing Head : 8 or 12 channels
Applicable Microplate : 96 or 48 wells microplate
Washing Times Option : 1~9 presettable
Washing Rows Option : 1~12 presettable
Soak Time : 1~3600s
Residual Volume : $< 3\mu\text{l}/\text{well}$



DNX-9620A Computerized Microplate Washer

Specifications

Washing Head : 8 or 12 channels
Applicable Microplate : 96 or 48 wells microplate
Washing Times Option : 1~20 presettable
Washing Rows Option : 1~12 presettable
Soak Time : 1~3600s
Residual Volume : $< 2\mu\text{l}/\text{well}$



Nanjing Perlove Medical Equipment Co.,Ltd.

PUN-2048B Two-channel Blood Coagulation Analyzer

Specifications

Number of Channels : 2, 37°C±0.2°C

Reagent Storage : 4

Sample Preparation

Positions : 6, 3 with timer

Reagent Volume : 100μl

Stray : ≤1%

Interchannel Error : ≤3%

Linearity Error : ≤1%

Packing Details : 660mm×500mm×380mm

N.W.6kgs G.W.8kgs



PERLONG



Add.: NO.168 Kaiyuan Road Jiangning Science Park, Nanjing 211112

Tel: 0086-25-87187780/87187776

Fax: 0086-25-52633132

E-mail: overseas@perlong.com.cn



PUN-2048 Four-channel Blood Coagulation and Fibrinolysis Analyzer

Features

- ◇ 15 inches color display, Chinese & English (full English) interface, easy to study and operate
- ◇ Base on photoelectric principle, and it can detect items of PT, APTT, TT, and FBG and take active measurements of many cruor factors
- ◇ Automatically detect the signal of adding reagent, and the user can use ordinary sucker to add regent. For user's convenience, the mixing system applies for a vibratile device instead of a muddler
- ◇ All the detecting items can be set forehead, the input parameters and standardized results can be stored for a long time and can be loaded to use easily, so that it can save reagent
- ◇ Advanced design of optic system and data processing software to eliminate the disturbances of high-fat-blood, icterus, hemolysis and chyle
- ◇ Outer printer to print detecting report in speed
- ◇ Report method: time (s), activity (%), ratio (PTR), international standard ratio (INR), concentration (g/L)

Specifications

- ◇ Number of Channels:4, 37°C±0.2°C
- ◇ Reagent Storage: 4, 37°C±0.2°C
- ◇ Sample Preparation Positions:12, 37°C±0.2°C
- ◇ Refrigeration positions:4
- ◇ Reagent Volume: 100µl
- ◇ Repeatability:<0.5%
- ◇ Stray:≤1%
- ◇ Interchannel Error:≤3%
- ◇ Linearity Error:≤±2%
- ◇ Accuracy:±1.5%





PUN-2048 Four-channel Blood Coagulation and Fibrinolysis Analyzer

PERLONG

PUS-2018G Biochemistry Analyzer

Specifications

- Wavelength Range: 340nm-750nm
Measurement Range: 0.000-3.000Abs
Repeatability: ≤ 0.005
Linearity: $\leq 1.0\%$
Cross-contamination: $\leq 1.0\%$
Temperature Accuracy: $\pm 0.2^{\circ}\text{C}$
Colorimetric Pool: Titanium alloy
Test Method: Absorbency, End-point, Kinetic, Two-point,
Standard Curve, Control Tube, Factor
Packing Details: 680mm \times 530mm \times 600mm
N.W.12kgs G.W.15kgs

Features

1. 7.5" colorful touch screen, can be connected to a mouse, Windows operating interface.
2. Can store 200~500 test results.
3. Can show real-time reaction curve, and print calibration curve, kinetic reaction curve, quality-control curve and general report.
4. While not working, the instrument will automatically enter half-voltage sleep status to save energy.



PERLONG

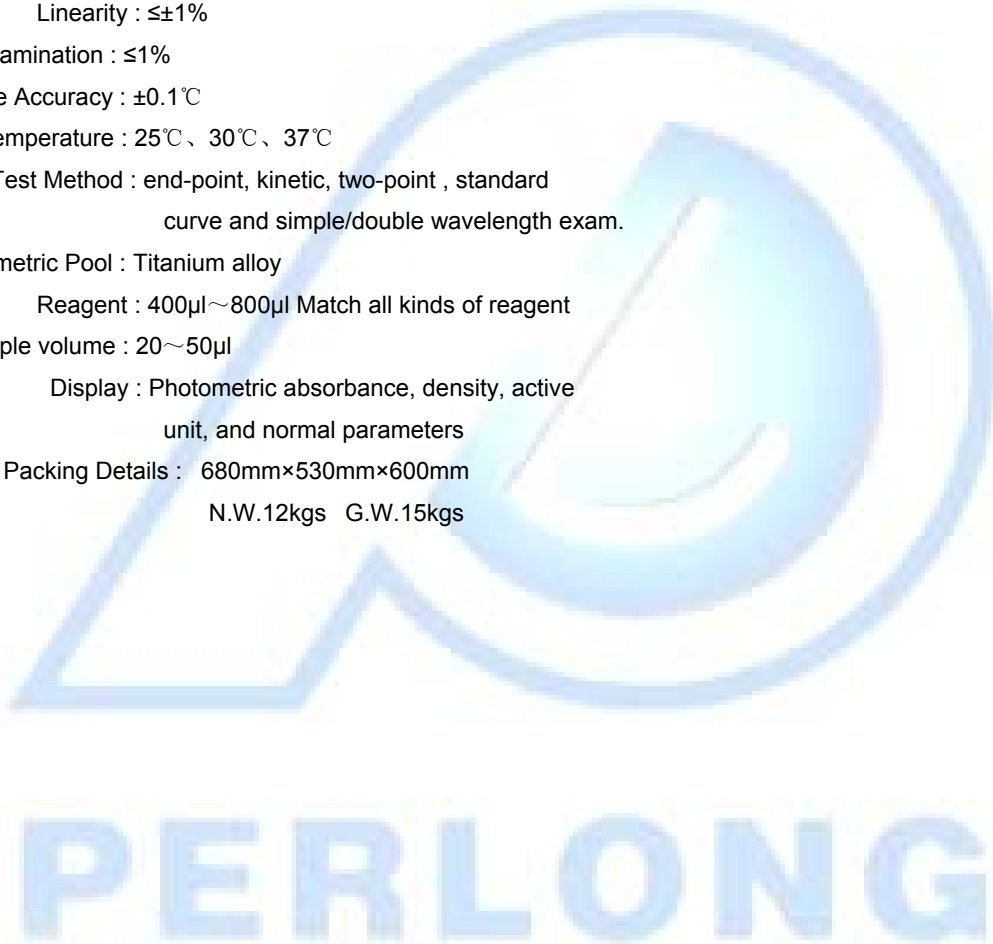


Nanjing Perlove Medical Equipment Co.,Ltd.

PUS-2018 Biochemistry Analyzer(with External Pinter)

Specifications

- Wavelength Range : 340nm~700nm
- Measurement Range : 0.001~3.000Abs
- Precision : ± 0.001 Abs
- Repeatability : ≤ 0.005 Abs
- Linearity : $\leq \pm 1\%$
- Cross-contamination : $\leq 1\%$
- Temperature Accuracy : $\pm 0.1^\circ\text{C}$
- Test Temperature : 25°C 、 30°C 、 37°C
- Test Method : end-point, kinetic, two-point , standard curve and simple/double wavelength exam.
- Colorimetric Pool : Titanium alloy
- Reagent : 400 μl ~800 μl Match all kinds of reagent
- Sample volume : 20~50 μl
- Display : Photometric absorbance, density, active unit, and normal parameters
- Packing Details : 680mm \times 530mm \times 600mm
N.W.12kgs G.W.15kgs



Add.: NO.168 Kaiyuan Road Jiangning Science Park,Nanjing 211112
Tel:0086-25-87187780/87187776
Fax: 0086-25-52633132

E-mail:overseas@perlong.com.cn

PUS-2018 Biochemistry Analyzer(with Internal Printer)

Specifications

- Wavelength Range : 340nm~700nm
- Measurement Range : 0.001~3.000Abs
- Precision : ± 0.001 Abs
- Repeatability : ≤ 0.005 Abs
- Linearity : $\leq \pm 1\%$
- Cross-contamination : $\leq 1\%$
- Temperature Accuracy : $\pm 0.1^\circ\text{C}$
- Test Temperature : 25°C 、 30°C 、 37°C
- Test Method : end-point, kinetic, two-point , standard curve and simple/double wavelength exam.
- Colorimetric Pool : Titanium alloy
- Reagent : 400 μl ~800 μl Match all kinds of reagent
- Sample volume : 20~50 μl
- Display : Photometric absorbance, density, active unit, and normal parameters
- Packing Details : 710mm \times 590mm \times 460mm
N.W.9kgs G.W.11kgs



PERLONG

PL1000B Electrolyte Analyzer

Features:

- It can measure the concentrations of K^+ , Na^+ , Cl^- and Ca^{++} and pH values.
- Applies ISE (Ion Selection Electrode), which gives the instrument the advantages of minimum maintenance, easy assembly and disassembly, as well as stable and reliable measurements.
- Working Modes:
 - Normal mode: automatic calibration; this mode adapts to large and middle scale hospital with large sample volume; sleep functions which can save reagent.
 - Saving mode: 24 hours reagents consumption is only 7ml when it does not measure. This mode adapts to hospital with small sample volume.
- Each test channel can be closed separately, So it is convenient to do emergency measurement.
- 110mm×60mm LCD display, automatic screensaver, friendly interface, easy to operate.
- Mini thermal printer can print repeatedly at any moment. It is convenient to feed paper. And the print is very clear.
- Revising datas automatically to ensure the accuracy of data.
- It can save 1500 test results, data will not be lost even if the power is cut off. Users can inquire or print at any moment.
- The instrument is equipped with a RS232 serial port, which can be connected to computer. It may collect, manage and print measure result by relevant software.
- It has electrode-checking function. Users can do corresponding maintenance according to checking result
- Exempt of routine maintenance, this greatly lighten the burden of operators; In-side software self-checking can suggest users eliminate the malfunction in time.
- Advanced and reliable fluid position examination technology



can save reagent

- Adopt built-in operating system leads to a reliable performance.
- Users can modify each setting to meet different requirements
- The quality-control inspecting function can track the accuracy of the instrument.

Test items and specification:

Test Object	Linearity	Repeatability(Cv)	Stability	Accuracy
K ⁺	±0.3mmol/L	≤1.0 %	±0.2mmol/L/h	±0.3mmol/L
Na ⁺	±3.0mmol/L	≤1.0 %	±2.0mmol/L/h	±3.0mmol/L
Cl ⁻	±3.0mmol/L	≤1.0 %	±2.0mmol/L/h	±3.0mmol/L
Ca ⁺⁺	±0.2mmol/L	≤2.0 %	±0.2mmol/L/h	±0.2mmol/L
pH	—	≤1.0 %	±0.02/h	
Standard Ca ⁺⁺ and Total Ca ⁺⁺ (calculating value)				

Sample: Serum, Whole Blood, Plasma, Diluted Urine

Sample Volume: 90ul

Testing Time: ≤50s

Temperature: 10°C-30°C, humidity: ≤85%

Power Supply Voltage: AC160V-245V 50±1Hz

Volume:260mm×260mm×340mm

Weight: 6Kg

Packing Details : 355mm×350mm×420mm N.W.7kgs G.W.11kgs

Reagents : 1. Calibration solution 500ml×3

2. Slop solution 500ml

3. Saturated KCLsolution 10ml

4. Protein-removing solution 5ml

5. Electrode solution 10ml



Add.: NO.168 Kaiyuan Road Jiangning Science Park,Nanjing 211112

Tel:0086-25-87187780/87187776

Fax: 0086-25-52633132

E-mail:overseas@perlong.com.cn

PL1300 Electrolyte Analyzer



Test items and specification:

Test Object	Linearity	Repeatability(Cv)	Range of Measurement	Accuracy
Mg ⁺⁺	±0.3mmol/L	≤2.0 %	0.100~4.00mmol/L	0.01
Li ⁺	±0.3mmol/L	≤3.0 %	0.200~5.00mmol/L	0.01
K ⁺	±0.3mmol/L	≤1.0 %	1.500~10.00mmol/L	0.01
Na ⁺	±3.0mmol/L	≤1.0 %	50.0~200.0mmol/L	0.1
Cl ⁻	±3.0mmol/L	≤1.0 %	50.0~200.0mmol/L	0.1
Ca ⁺⁺	±0.2mmol/L	≤2.0 %	0.500~5.000mmol/L	0.01
pH	—	≤1.0 %	6.400~8.400mmol/L	0.001
Standard Ca ⁺⁺ and Total Ca ⁺⁺ (calculating value)				

PL2000 Blood Gas Analyzer

Features:

- ▷ Continuing calibration, the analyzer is always in a good situation ready for measurement at any time. This assures the accuracy of measurement results.
- ▷ The analyzer uses mutual bar formation electrode, reliable function, can replace the membrane and inner solution to lengthen the using time and lower the cost.
- ▷ Flushing solution can get rid of the dirty and reduce pollution to extend the use life of the electrode. This lowers the unit consumption and cost.
- ▷ The sampling case is transparent, the temperature, electrode drift and lack of calibrating solution can be showed automatically.
- ▷ The rich-contented servicing program provides operators many options(e.g. the channel breaks), so that operators judge the reason of the trouble.
- ▷ Inner thermal printer can print measurement result immediately.
- ▷ Can store 1000 patient datas.
- ▷ It is equipped with a standard RS232 serial port, via which the instrument transfers its saved data to the connected computer system.

Parameters:

- ▷ Sample volume: 90 μ l whole blood or body liquid, gas sample (e.g.: exhalant gas) 30ml.
- ▷ Sample quantity per hour: 25.
- ▷ Sampling case temperature: $37.0 \pm 0.1^{\circ}\text{C}$.
- ▷ Working environment: temperature $10 \sim 35^{\circ}\text{C}$, relevant humidity 85% (no water).
- ▷ Power: $\text{AC}220\text{V} \pm 10\%$;
Frequency: $50\text{Hz} \pm 2\%$;





Power input:≤170VA.

- ▷ Size: 470mm×360mm×430mm
- ▷ Weight: 10KGS

Measurement parameters:

Test Item	Test Range	Accuracy	Error	Deviation
PH	6.800~8.00	0.001	±0.010	S≤0.005
PCO ₂	8.0~200.0mmHg	0.1mmHg	±4.0%	CV≤1.5%
	1.61~26.67kPa	0.1kPa	±0.13kPa if PCO ₂ ≤3.3kPa	
PO ₂	0~800.0mmHg	0.01mmHg	±3.0%	CV≤1.5%
	0~106.7kPa	0.1kPa	±0.26kPa if PO ₂ ≤8.0kPa	

Calculating parameters:

HCO ₂	P50
SBC	A-aDO ₂
BE	RI
Beecl	PH(TC)
TCO ₂	PCO ₂ (TC)
SO ₂ %	PO ₂ (TC)

Specifications of Electrode:

Stability	Excellent
Repeatability	pH: S≤0.005
	PCO ₂ : CV≤1.5%
	PO ₂ : CV≤1.5%
Reaction Time	<5S
Life	>12 months

Mainframe: 590mm×480mm×550mm N.W.17kgs G.W.19kgs

Accessory: 360mm×360mm×420mm N.W.7kgs G.W.8kgs



Add.: NO.168 Kaiyuan Road Jiangning Science Park,Nanjing 211112

Tel:0086-25-87187780/87187776

Fax: 0086-25-52633132

E-mail:overseas@perlong.com.cn

PUY-1688 Urine Chemistry Analyzer

Specifications

Test items : GLU,BIL,KET,SG,BLO,PRO,URO,NIT and LEU

Working wavelength : 557nm, 610nm and 660nm

Test speed of single step

running mode : 60/h

Test speed of continuous

running mode : 210/h

Data storage : no more than 100 samples

Printer : internal high-speed thermal printer

User Information : year, month, day, week, time, sample
number and sample code



Features

The instrument can automatically identify whether the reagent strip has been placed or not and can automatically inspect changes of the reagent strip.

The instrument has the function of compensating the environmental temperature and can compensate the test results.

The instrument can print and show the test results.

The instrument has a big liquid crystal display and a user-friendly menu system for convenient operation.

The instrument has a calendar and a clock.

The instrument has a RS232 communication port.

Working Conditions:

Environmental Temperature : 10°C-40°C;

Relative Humidity : ≤75%;

Power Supply : 220×(1±10 %)V, 50×(1 ±2 %)Hz;

Input Power : ≤30×(1+15%)VA;

Be away from strong electromagnetic field. The work place must be dustproof and shockproof and there should be no caustic gas such as hydrochloric acid in the air;

Power supply must be grounded perfectly;

Dimensions : 365 x 233 x 135 (mm);

Weight : 3.5 (kg)

XF-1(C) Hemoglobin Meter

Specifications

Test Item : Hemoglobin (HGB)

Test Method : High ferricyanide

Wavelength : 540nm

Displayed Number : Three-digit number

Measurement Range : 0~200g/L

Dilution Ratio : 1:251 1:501

Sample Volume : 2mL±10%

Test Time : ≤8s

Linearity Error : <100g/L±3g/L

<100-200g/L±3%

Coefficient of Variation : ≤2%

Power Supply : AC220V±10%; 50Hz±2%

Input Power : 10W

Net Weight : 2.5kg

Sustained Operation : >8 hour

Stability : 3g/L 0.5h

Packing Details: 290mm×250mm×180mm

N.W.2.2kgs G.W. 3kgs



Vertical



Horizontal

PERLONG

XFA6000 Auto Hematology Analyzer(22 Parameters)

Specifications

Test Items	WBC, LY#, MO#, GR#, LY%, MO%, GR%, HGB, RBC, HCT, MCV, MCH, MCHC, RDW—CV, RDW—SD, PLT, PCT, MPV, PDW, WBC Histogram, RBC Histogram, PLT Histogram		
Background Count	WBC: $\leq 0.3 \times 10^9/L$ RBC: $\leq 0.03 \times 10^{12}/L$ HGB: $\leq 1g/L$ PLT: $\leq 10 \times 10^9/L$		
Linearity	Test Item	Test Range	Allow Difference of Linearity
	WBC	0-6.0 $\times 10^9/L$	$\pm 0.3 \times 10^9/L$
		6.0-99.9 $\times 10^9/L$	$\pm 5\%$
	RBC	0-0.99 $\times 10^{12}/L$	$\pm 0.05 \times 10^{12}/L$
		1.0-9.99 $\times 10^{12}/L$	$\pm 5\%$
	HGB	0-99 g/L	$\pm 2g/L$
		100-300 g/L	$\pm 2\%$
	PLT	0-99 $\times 10^9/L$	$\pm 10 \times 10^9/L$
100-999 $\times 10^9/L$		$\pm 10\%$	
Repeatability	Test Item	CV(%)	Teat Range
	WBC	≤ 2.0	7.0~15.0 $\times 10^9/L$
	RBC	≤ 0.5	3.5~6.0 $\times 10^{12}/L$
	HGB	≤ 1.5	110~180g/L
	PLT	≤ 4.0	150~500 $\times 10^9/L$
	MCV	≤ 0.5	80~110fL
Sample Volume	Twig blood: 20 μ l		
Dilution Ratio	WBC/HGB: 1:500 RBC/PLT: 1:50000		
Interfaces	RS232 joint, USB, PS2, Parallel port		
Test Speed	60 samples/hours		
Continuous Work Time	>8h		

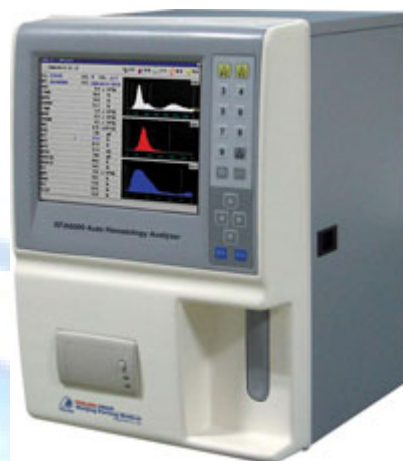


XFA6000 Ani Auto Hematology Analyzer(22 Parameters)

Special for Animal

Specifications

Test Items	WBC, LY#, MO#, GR#, LY%, MO%, GR%, HGB, RBC, HCT, MCV, MCH, MCHC, RDW—CV, RDW—SD, PLT, PCT, MPV, PDW, WBC Histogram, RBC Histogram, PLT Histogram		
Background Count	WBC: $\leq 0.3 \times 10^9/L$ RBC: $\leq 0.03 \times 10^{12}/L$ HGB: $\leq 1g/L$ PLT: $\leq 10 \times 10^9/L$		
Linearity	Test Item	Test Range	Allow Difference of Linearity
	WBC	0-6.0 $\times 10^9/L$	$\pm 0.3 \times 10^9/L$
		6.0-99.9 $\times 10^9/L$	$\pm 5\%$
	RBC	0-0.99 $\times 10^{12}/L$	$\pm 0.05 \times 10^{12}/L$
		1.0-9.99 $\times 10^{12}/L$	$\pm 5\%$
	HGB	0-99 g/L	$\pm 2g/L$
100-300 g/L		$\pm 2\%$	
PLT	0-99 $\times 10^9/L$	$\pm 10 \times 10^9/L$	
	100-999 $\times 10^9/L$	$\pm 10\%$	
Repeatability	Test Item	CV(%)	Test Range
	WBC	≤ 2.0	7.0~15.0 $\times 10^9/L$
	RBC	≤ 0.5	3.5~6.0 $\times 10^{12}/L$
	HGB	≤ 1.5	110~180g/L
	PLT	≤ 4.0	150~500 $\times 10^9/L$
MCV	≤ 0.5	80~110fL	
Sample Volume	Twig blood: 20 μ l		
Dilution Ratio	WBC/HGB: 1:500 RBC/PLT: 1:50000		
Interfaces	RS232 joint, USB, PS2, Parallel port		
Test Speed	60 samples/hours		
Continuous Work Time	>8h		



XF9080 Semi-automatic Animal Hematology Analyzer

Specifications

Test Items : RBC、HGB、MCV、HCT、RDW(CV)、MCH、
MCHC、WBC、LY[#]、MO[#]、GR[#]、LY%、
MO%、GR%、Provide RBC and WBC
distribution histogram

Linearity Range : RBC: 0.00~9.99×10¹²/L

HGB: 20g/L~200g/L

WBC: 0.00~99.9×10⁹/L

Precision (CV) : RBC: ≤2.5%

HGB: ≤1.5%

WBC: ≤3.5%

MCV: ≤2.0%

Testing Principles : Blood corpuscle count-impedance

HGB-540nm wavelength colorimetry

Display method : Liquid Crystal Display (LCD) shows testing
parameters and square charts of RBC and
WBC

Sample Volume : Periphery blood: 20μl

Measuring Time : ≤40s

Data interface : RS232 serial port

Packing Details: 460mm×420mm×520mm

N.W.18kgs G.W. 22kgs

Reagents 10kgs 1. HB Non-cyanogen Hemolysin 2×15ml

2. HB Diluent 4L

3. HB Washing Solution 4L



PERLONG

XF9030B Semi-automatic Hematology Analyzer (21 Parameters)

Specifications

Test Items : 18 parameters: RBC, HGB, WBC, LY[#], MO[#],
GR[#], LY%, MO%, GR%, HCT, MCV, MCH,
MCHC, RDW, PLT, MPV, PCT, PDW

Linearity Range : RBC: 1.00~9.99×10¹²/L

HGB: 20g/L~200g/L

WBC: 0.50~99.0×10⁹/L

PLT: 50~999×10⁹/L

Precision (CV) : RBC: ≤2.5%

HGB: ≤1.5%

WBC: ≤3.5%

LY%:≤6%

MO%:≤12%

GR%:≤6%

MCV:≤2%

PLT:≤5%

MPV:≤3%

Dilution Ratio : WBC / HGB 1:500

RBC / PLT 1:50000

Sample volume : Periphery/whole blood: 20μl

Packing Details: 430mm×410mm×430mm

N.W.11kgs G.W.16kgs

Reagents 10kgs 1. HB Non-cyanogen

Hemolysin 2×15ml

2. HB Diluent 4L

3. HB Washing Solution 4L



PERLONG

XF9030C Semi-automatic Hematology Analyzer(14 Parameters)

Specifications

Testing Items : RBC, HGB, HCT, MCV, MCH, MCHC,
RDW, WBC, LY[#], MO[#], GR[#], LY%, MO%, GR%,

White Blood Cell Histogram

Red Blood Cell Histogram

Linearity Range : RBC: $1.00\sim 9.99\times 10^{12}/L$

HGB: 20g/L~200g/L

WBC: $0.50\sim 99.0\times 10^9/L$

Precision (CV) : RBC: $\leq 2.5\%$

MCV: $\leq 2.0\%$

HGB: $\leq 1.5\%$

WBC: $\leq 3.5\%$

Principle : Blood corpuscle count-impedance

HGB--- colorimetric method with 540nm
wavelength

Display : LCD directly displays the working status,
testing items, results and histogram.

Sample Volume : Periphery blood 20 μ l

Dilution Ratio : WBC/HGB 1:500

RBC 1:50000

Printer : Built-in stylus printer

Print the testing parameters directly

Packing Details: 430mm \times 410mm \times 430mm

N.W.11kgs G.W.13kgs

Reagents 10kgs 1. HB Non-cyanogen

Hemolysin 2 \times 15ml

2. HB Diluent 4L

3. HB Washing Solution 4L



XF9030D Hematology Analyzer(22 Parameters)



XF9030D Hematology Analyzer(22 Parameters)

Test Items:	22 parameters: RBC, HGB, WBC, LY#, MO#, GR#, LY%, MO%, GR%, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PCT, PDW	
	Histogram Display	White Blood Cell Histogram (Colour)
		Red Blood Cell Histogram (Colour)
		Platelet Histogram (Colour)
Linearity Range:	WBC ($\times 10^9/L$): 0.0-99.9	
	RBC ($\times 10^{12}/L$): 0.00-99.9	
	HGB (g/L): 20-200	
	MCV (fL): 40.0-150	
	PLT($\times 10^9/L$): 0.0-999	
Precision (CV):	WBC ($\times 10^9/L$) < 2% (5.0-10.0 $\times 10^9/L$)	
	RBC ($\times 10^{12}/L$) <1.5% (3.5-6.0 $\times 10^{12}/L$)	
	HGB (g/L) <1.5% (110-180g/L)	
	MCV (fL) <0.5% (80.0-110fL)	
	PLT ($\times 10^9/L$) <4.0% (100-500 $\times 10^9/L$)	
Data Storage:	25,000 results	
Dilution Ratio:	WBC / HGB 1:500	
	RBC / PLT 1:50000	



Nanjing Perlove Medical Equipment Co.,Ltd.

Sample volume:	Periphery/whole blood: 20 μ l
Display:	640 \times 480 pixels, 9.4" TFT
Printer:	Built-in thermal printer, paper width: 5.7cm
Test Time:	Less than 40 seconds
Continuous Work Time:	More than 8 hours
Power:	220V \pm 22V 50Hz \pm 1Hz
Fuse:	BLX-1 50 \times 20-2A
Input Power:	\leq 180VA
Interfaces:	RS232 joint



Add.: NO.168 Kaiyuan Road Jiangning Science Park,Nanjing 211112

Tel:0086-25-87187780/87187776

Fax: 0086-25-52633132

E-mail:overseas@perlong.com.cn

Biochemistry Analyzer Reagents Kits



Specifications

A: Fully-automatic package for Hitachi 7170/7080/7180/7600; OLYMPUS400/640/2700; Keysys
B: Special package for Hitachi7150/7060; Olympus1000; Toshiba120FR; Abbott2000/8000; Shimadzu7200/7300
C: Specialize for Hitachi7020 biochemistry analyzer
D: Specialize for Beckman: CX3/CX4/CX5/CX7/CX9/LX20 biochemistry analyzer
E: Specialize for Toshiba—30/40 FR biochemistry analyzer

Hematology Reagents for Perlong



HB Series--Hematology Analyzer Reagent Kits



HBM Series--Hematology Analyzer Reagent Kits

Hematology Reagents for Perlong

Applies to	Mode	Item	Pack Size
XF9030 Series	HB	Diluent	20L/barrel
	HB	Non-cyanogen Hemolysin	15ml×12/box
	HB	Washing Solution	5L/barrel
XFA5000	HBN	Diluent	20L/barrel
	HBN	Non-cyanogen Hemolysin	250ml×3bottle/box
	HBN	Washing Solution (contain Enzyme)	5L/barrel
XFA6000	HBM	Diluent	20L/barrel
	HBM	Non-cyanogen Hemolysin	500ml/bottle
	HBM	Flushing Solution	20L/barrel



HBP Series--Hematology Analyzer Reagent Kits



HB Series--Hematology Analyzer Reagent Kits

Hematology Reagents for Sysmex

Applies to	Mode	Item	Pack Size
F820	HB	Diluent	20L/barrel
	HB	Non-cyanogen Hemolysin	15ml×12/box
	HB	Washing Solution	5L/barrel
poch -100i & KX-21N	HBP	Diluent	20L/barrel
	HBP	Non-cyanogen Hemolysin	500ml×3bottle/box
	HB	Washing Solution (High concentration Enzyme)	50ml/bottle
XT-1800i XT-2000i	SYS-5D	Diluent	20L/barrel
	SYS-SLS	Hemolysin	5L/barrel
	SYS-FBA	Hemolysin	5L/barrel
	SYS-4DL	Hemolysin	5L/barrel
	SYS-4DS	Stain	42ml×3bag/box
	SYS-K	Washing Solution	50ml/bottle
XE-2100	SYS-5D	Diluent	20L/barrel
	SYS-SLS	Hemolysin (hemoglobin)	5L/barrel

	SYS-FBA	Hemolysin (Basophilic)	5L/barrel
	SYS-4DL	Hemolysin	5L/barrel
	SYS-4DS	Stain	42ml×3bag/box
		IM Hemolysin	50ml/bottle
		NBC Dilution Stain Kit	20L/barrel
		RET Dilution Stain Kit	5L/barrel
		Diluent	20L/barrel
		Stain	12ml/barrel
		Sheath	20L/barrel
		Washing Solution	100ml/bottle
SF-3000	SYS-5D	Diluent	20L/barrel
	SYS-SLS	Hemolysin	5L/barrel
	SYS-FBA	Hemolysin	5L/barrel
	SYS-FD I	Stain	5L/barrel
	SYS-FD II	Hemolysin	500ml×3bottle/box
	SYS-K	Washing Solution	50ml/b





3D Series



5D Series

Hematology Reagents for ABX

Applies to	Mode	Item	Pack Size
Micro 45/60	HBA	Diluent	20L/barrel
	HBA	Non-cyanogen Hemolysin	1L/bottle
	HBA	Washing Solution	1L/bottle
PENTRA 60/80	HBA-5D	Diluent	20L/barrel
	HBA-5D	Hemoglobin Hemolysin	400ml/bottle
	HBA-5D	Washing Solution	1L/bottle
	HBA-5D	Basophilic Hemolysin	1L/bottle
	HBA-5D	Acidophilic Stain	1L/bottle
HBA-5D		Acidophilic Stain	1L/bottle

PERLONG



Add.: NO.168 Kaiyuan Road Jiangning Science Park,Nanjing 211112

Tel:0086-25-87187780/87187776

Fax: 0086-25-52633132

E-mail:overseas@perlong.com.cn

Hematology Reagents for Mindray



Applies to	Mode	Item	Pack Size
BC 1800/2800/2600/2900	HBM	Diluent	20L/barrel
	HBM	Non-cyanogen Hemolysin	500 ml/bottle
	HBM	Washing Solution	5.5ml×2/case (20L/barrel)
	HB	Washing Solution (contain Enzyme)	100ml/bottle (50ml/bottle)
	HB	Washing Solution (High-concentration Enzyme)	17ml×12/box (50ml/bottle)
BC 2000/2200	HBM	Diluent	6L×2.(20L/barrel)
	HBM	Non-cyanogen Hemolysin	1L/bottle (50ml/bottle)
	HBM	Washing Solution	6L×2.(20L/barrel)
	HB	Washing Solution (contain Enzyme)	100ml/bottle (50ml/bottle)
BC3000/3000plus/BC3200	HBM	Diluent	20L/barrel
	HBM	Non-cyanogen Hemolysin	500ml/bottle
	HBM	Washing Solution	5.5ml×2/case (20L/barrel)
	HB	Washing Solution (contain Enzyme)	100ml/bottle (50ml/bottle)
	HB	Washing Solution (High-concentration Enzyme)	17ml×12/box (50ml/bottle)
BC2300	HBM	Diluent	5.5ml×2/case (20L/barrel)
	HBM	Non-cyanogen Hemolysin	500ml/bottle
	HBM	Washing Solution (contain Enzyme)	100ml/bottle(50ml/bottle)
	HB	Washing Solution (High concentration Enzyme)	17ml×12/box (50ml/bottle)

Hematology Reagents for NIHON KOHDEN



Applies to	Mode	Item	Pack Size
MEK-6108/6318/8118	HBN	Diluent	20L/barrel
	HBN	Non-cyanogen Hemolysin	500ml×3bottle/box
	HBN	Washing Solution	5L/barrel
MEK-7222K/8222K		Diluent	20L/barrel
		Non-cyanogen Hemolysin	500ml×3bottle/box
		Flushing Solution (contain Enzyme)	5L/bottle
		Classified Hemolysin	500ml×3bottle/box

Hematology Reagents for AC series



Applies to	Mode	Item	Pack Size
AC900/920/970	HBS	Diluent	20L/barrel
	HBS	Non-cyanogen Hemolysin	5L/barrel
	HBS	Washing Solution	5L/barrel

Hematology Reagents for Coulter



Applies to	Mode	Item	Pack Size
A ^C -T 5DIFF	HBA-5D	Diluent	20L/barrel
	HBA-5D	Hemoglobin Hemolysin	400ml/bottle
	HBA-5D	Washing Solution	1L/bottle
	HBA-5D	Basophilic Hemolysin	1L/bottle
	HBA-5D	Acidophilic Stain	1L/bottle
STKS, MAXM, Gen's, HMX	HBC-5D	Diluent	20L/barrel
	HBC-5D	Hemolysin	1L/bottle
	HBC-5D	Washing Solution (contain Enzyme)	5L/barrel
	HBC-5D	RBC Dissolving Solution	50ml/bottle
	HBC-5D	WBC Stabilizer	1900ml/bottle

Hematology Reagents for ABBOTT

Applies to	Mode	Item	Pack Size
Cell-Dyn3000 Cell-Dyn3500 Cell-Dyn3700	CD5	Diluent	20L/barrel
	CD5	Sheath	5L/barrel
	CD5	Hemolysin	5L/barrel
	CD5	Washing Solution	20L/barrel
Cell-Dyn3000	CD5 II	Diluent	20L/barrel
	CD5 II	Hemolysin	1L/barrel
	CD5 II	Washing Solution (High concentration Enzyme)	50ml/bottle
	CD5 II	Hemolysin	5L/barrel

Washing Solution

Washing Solution (contain Enzyme)

Applies to Hematology Analyzer, Biochemistry Analyzer and ion selective Electrode Analyzer

Model: HB Series

Specification: 500ml/1L/5L



Washing Solution (High-Concentration Enzyme)

Applies to various Hematology Analyzer, Biochemistry Analyzer and Ion Selective Electrolyte Analyzer

Model: HB Series

Specification: 50ml/bottle

Hematology Control

PHC-3D Hematology Control

Applies to resistant 3-D Hematology Analyzer

Model: PHC-3D

Specification: 2ml×6/box



PERLONG

Electrolyte Analyzer Reagent Kits

Electrode Analyzer Reagent Kits

Applies to DJZ-805 & PL1000B Electrode Analyzer

Specification:

Slope Solution & Calibrating Solution of DJZ-805: 500ml/bottle

Slope Solution & Calibrating Solution of PL1000B: 250ml/500ml/bottle



Non-cyanogen Hemoglobin Calibrating Solution

PLH Non-cyanogen Hemoglobin Calibrating Solution

Applies to various Hematology Analyzer, Hemoglobin Meter.

Model: PLH

Specification: 50ml×2/box



PERLONG