

Medical Imaging



Aesthetic Equipment's



Dentistry Equipment's



ER Equipment's



Laboratory Equipment's



8<sup>th</sup> Dimension for Medical Equipments  
شركة البعد الثامن للاجهزة الطبية

Trusted Distributor for Medical Equipment's Across Saudi Arabia

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Trusted Distributor for Medical Equipment's Across Saudi Arabia

## ■ Who are we?

8th dimension is a promising company specialized in selling & marketing of medical equipment & hospital furniture across Saudi Arabia in addition to maintenance services.

## ■ OUR VISION :

To be a leader distributor in supplying medical equipment's & hospital furniture all over Saudi Arabia.

## ■ OUR MISSION :

To supply the Saudi medical market with all its needs of high-quality medical equipment's & instruments.

## ■ OUR CLIENTS :

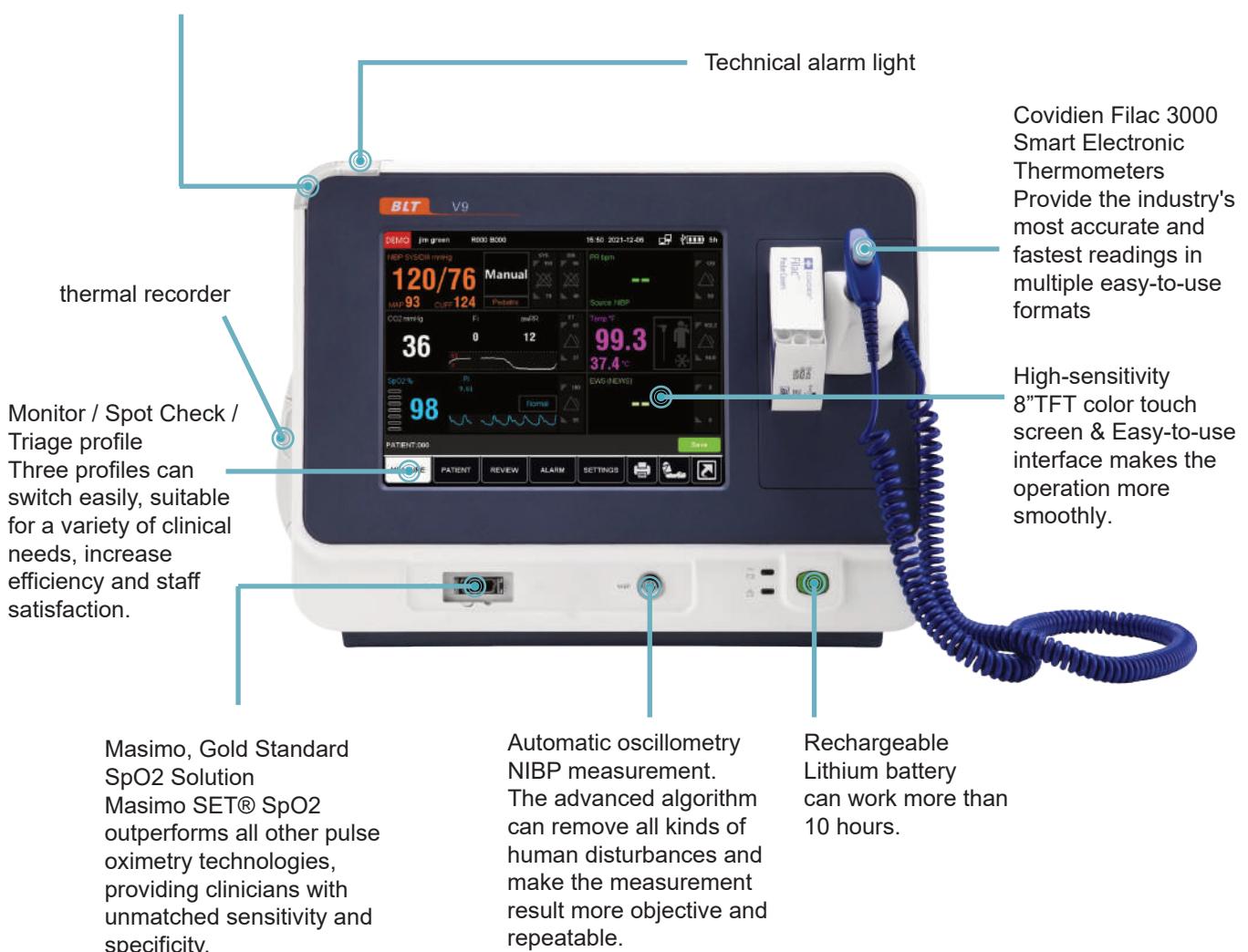
Elite hospitals, general polyclinics, dental polyclinics, laboratories, radiology centers, Physical therapy centers & aesthetics centers.



## Advanced Vital Sign Monitor

### Physiological alarm light

According to the different measurement results of the patient's vital signs, the physiological alarm was divided into 3 levels (High / Medium / Low), and the physiological condition of the patient was clearly indicated



## Resting ECG

### Cardio7

Affordable, yet Powerful 12CH Resting ECG as ever

12 Channel Interpretive Resting ECG with





## Stress ECG System

### CardiPia 800HS

#### Treadmill (WT300TSM)



#### ECG Module CARDIPIA800H

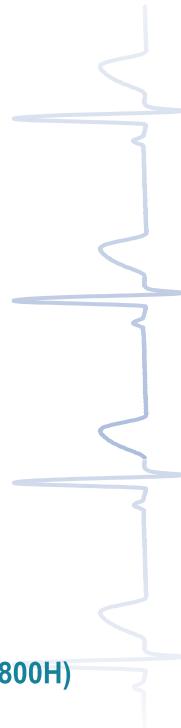


#### Stress ECG S/W (TRISMED Ergo) ECG Display and Data Analysis



#### Treadmill (WT300TSM)

- Less maintenance and long life cycle
- Silent and smooth movement
- Maximum speed : 20 Km/hour
- Gradient : 25 % ( step 0.5 % )
- Patient loading weight : max. 220 Kg
- Running belt : 1460 x 500 mm
- Control : via USB(RS232), Bluetooth
- Emergency stop push button



#### ECG acquisition module (CARDIPIA800H)

- CARDIPIA800H ECG with Stress ECG I/F
- Cost effective stress ECG system
- Real time ECG display on CARDIPIA ECG
- Easy operate CARDIPIA ECG with color and touch screen

#### Stress ECG S/W (TRISMED Ergo)

- Simultaneous 12 Leads acquisition
- Full control of treadmill functions (USB/Bluetooth)
- Automatic arrhythmia detection and ST segment measurements
- Reliable alarm system
- Full control of all the phases of the stress test
- Automatic analysis of test results and delivery of printed reports
- All common exercise protocols included
- Easy creation and edition of custom protocols

## DEFIBRILLATOR RESCUE Life



### TECHNICAL SPECIFICATIONS

#### GENERAL REQUIREMENTS

Dimension	• 369 x 240 x 340 mm
Weight	• 5.5 Kg with battery
Electrical	• AC 100-240 VAC, 50/60 Hz- inverter 12V car adapter (optional) • Rechargeable 15.0 V - 3.2 Ah Lithium-ion battery
Battery Operation Time	• >5 hours
Battery Charge Time	• Max. 3 hours
Capacity	• 150 shocks at 230J with battery fully charged
Software	• Voice and texts multi language
Memory	• Internal flash 4 Gb up to 300 hrs of ECG data, events and usage review
Review and printing database	• Review and printing of archived events

#### ENVIRONMENTAL

Temperature	• Operational -5° – 46° C • Storage -20° – 50° C
Isolation	• ECG type CF, Defibrillation type BF

#### WATER PROOF

Water proof	• Class IPX4
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#### DEFIBRILLATION

Waveform	• Biphasic Truncated Exponential (BTE) • HiCAP technology (Large storage capacitor)
Impedance	• Compensated, range 25 - 200 Ohm

Charge time	• 6 sec for 230 J with battery fully charged
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#### AED MODE

Energy	• Fixed energy at 200 J
Protocol	• ERC 2015 CPR Guidelines with voice and text prompts
Shockable rhythms	• VF with amplitude > 0.15 mV and VT with rhythm > 150 bpm
Sensitivity	• Shockable rhythm-VF > 95%
	• Shockable rhythm-VT > 75%
Specificity	• According to ERC 2010
	• Normal sinusoidal rhythm > 99%
	• Asystole and other non-shockable rhythms > 95%

#### MANUAL MODE

Energy range	• 1 - 230 J (from 1-10 J in 1 J steps; from 10 to 230 J in 10 J steps)
Commands	• Multifunction trim knob, Charge and shock button directly in the front panel for hands free defibrillation
Paddles	• Reusable adult & pediatric defi paddles with charge/shock command
	• Disposable defi pads and internal defi paddles (optional)
Operating mode	• ECG « R » wave synchro or sync mode
Indicators	• Battery and main led indicators
	• Clear and visible backlight color buttons

#### DISPLAY

Type	• High contrast TFT color LCD 7" (800X480 dots)
Information	• Operational information, ECG traces, SpO2 value, NIBP values, parameters, Heart Rate indicator, filters, alarms and battery status
Display mode	• Can select 3, 6, 12 ECG leads

#### ECG MONITORING

Bandwidth	• 0.5 - 120 Hz (-3 db) with filters off
CMRR	• > 95 db
Input impedance	• > 20 Mohm
Input	• Patient cable 5 leads (I, II, III, aVL, aVF, aVR, V <sub>1</sub> ...V <sub>6</sub> ) - standard • Patient cable 10 leads (I, II, III, aVL, aVF, aVR, V <sub>1</sub> ...V <sub>6</sub> ) - optional
Gain	• 2.5, 5, 10, 20, 40 mm/msec with patient cable, AUTO with pads
Speed	• 5, 10, 25, 50 mm/sec
Filters	• 550/60 Hz, EMG Filter, base line
Monitoring Mode:	• 0.6 - 40 Hz (-3 db)

#### bandwidth

Diagnostic Mode:	• 0.05 - 120 Hz (-3 db)
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#### bandwidth

HR range	• 20 - 300 bpm (- 2%), digital readout on the display
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#### Alarm

Review and printing database	• HR max settable 250 bpm: HR min 20 bpm
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#### SpO2 (OPTIONAL)

SpO2 range	• 0 - 100%
HR range	• 30 - 250 bpm

Accuracy	• 70 - 100% ~ 2% for adults with finger clip sensor
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Alarm	• Adjustable min 50%
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#### NIBP (OPTIONAL)

Technique	• Oscillometric
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NIBP Accuracy	• Meets ANSI/AAMI SP10-2002, EN 1060-4
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Patient Application	• Adult/Paediatric/Neonatal
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Systolic Range	• Adult: 40-260mmHg, Paediatric: 40-160
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mmHg, Neonatal	• 40-130 mmHg
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Range MAP	• Adult: 26-110 mmHg
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mmHg, Neonatal	• 26-110 mmHg
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Diastolic Range	• Adult: 20-100 mmHg
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mmHg, Neonatal	• 20-100 mmHg
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PR RANGE	• 30-220 BPM
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PR Accuracy	• +/-2% or +/-3 bpm
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Operating Modes	• Manual, Long Term Automatic, Stat, Service
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Auto Interval Periods	• 1, 2, 3, 4, 5, 10, 15, 30, 60 and 90 minutes
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#### PRINTER

Type	• Integrated thermal 3 channels printer for ECG traces and events documentation hardcopy including HR/SpO2/NIBP values
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Paper speed	• 5, 10, 25, 50 mm/sec
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Paper width	• 58 mm
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Operating model	• Manual, automatic (10" pre and post shock recording)
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#### EXTERNAL PACEMAKER (OPTIONAL)

Type	• Rectangular wave
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Operating mode	• Fixed on demand
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Pulse rate	• 30 ppm to 250 ppm, adjustable in steps of 5 ppm
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Impulse duration	• 22.5 ms
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Pulse current	• 0 to 150 mA adjustable in steps of 5mA
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Amplitude	• Max 150 V
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#### STANDARDS & SAFETY

Standard	• IEC 60601-2-4; IEC 60601-1; IEC 60601-1-2
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CE Mark EEC 93/42	• Medical device, Class IIb
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## Samsung Ultrasound System HS40

HS40's ground-breaking design was inspired by users' ideas and suggestions during development. Every detail, such as the fully articulating monitor arm, the operating panel which can be easily adjusted to different heights, and additional storage space, has been created to make the work environment more comfortable. And it is this focus on the user that has led to the product winning a prestigious 2017 iF Design Award.



### ... | Solid State Drive (SSD)

The HS40 uses advanced solid state drives. These stable and dependable drives allow faster boot-up, better frame rates, and fast processing speeds.

### ... | BatteryAssist™<sup>1</sup>

BatteryAssist™ provides the system with battery power. It enables users to perform scans and transport the ultrasound system to other locations in environments where AC power may not be available temporarily.

### HelloMom™<sup>1</sup>

HelloMom™ supports simple and secure transfer of fetal ultrasound images and clips wirelessly from the ultrasound system directly to an external device. These images can be shared easily with others.



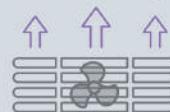
# Medical Imaging Equipment's

## Samsung Ultrasound System V6



### Effective cooling system

An effective airflow system cools down the ultrasound system by constantly letting heat out and reducing fan noise.



### Recycled materials

Eco-friendly resin cover is applied to the air vent exterior cover, outlining Samsung's efforts towards a greener tomorrow.



Recycled materials

### Samsung healthcare cybersecurity

To address the emerging need for cybersecurity, Samsung provides a solution to support our customers by offering the tools to protect against cyberthreats that may compromise invaluable patient data and ultimately degrade the quality of care.



Learn more



### Eco Packaging

Reusable packaging composed of eco-friendly recycled paper. It is Samsung's commitment to achieving carbon-neutral of the earth and environment.



Learn more



Recycled materials



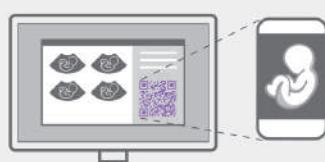
Eco Packaging

### Simple transfer of fetal ultrasound images and clips

HelloMom™<sup>1,5</sup> supports simple and secure transfer of fetal ultrasound images and clips wirelessly from the ultrasound system directly to an external device. These images can be shared easily with others.



Learn more



Scan QR Code



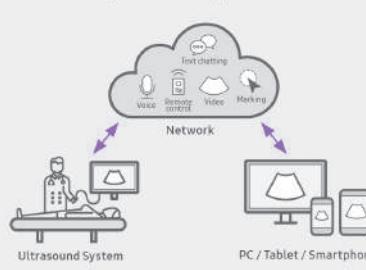
Energy Efficiency

### Real-time image sharing solution

SonoSync™<sup>1,4</sup> is available in PC and smartphone, etc. as a real-time image share solution that allows communication for care guide and training between doctors and sonographers. In addition, voice chatting, text chatting and real-time marking functions are provided for better communication; and the MultiVue function is included that allows monitoring multiple ultrasound images on a single screen.



Learn more





## Ultrasound System CBit6

*Value Beyond Imaging*

**CHISON**

**CBit™ 6**  
Experts with in touch

• Aesthetic Industrial Design, 21.5 inch HD monitor 10.1 inch HD touch screen with super responsive, customized layout.  
 • intelligent Doppler, intelligent focus, saving time, efficiency and intelligent.  
 • Dual-Screen Display for better view, Finger-gesture to zoom in and zoom out.  
 • 210°TV probe to get more detail and information.  
 • Intelligent software for OB, efficiency and accuracy.  
 • Powerful features: 4D, Virtual HD, Elastography, curved panoramic.  
 • Revolutionary after sales solution: Hero Kit.  
 • Complete cardiac package: Stress Echo, CW, LGC, TDI, Free M mode.




7.5MHz  
Linear  
D7L40L



2.5MHz  
Phased array  
D3P64LS



3.5MHz  
Convex  
D3C60L



12.0MHz  
(With FHR) Linear  
D12L40L



6.0MHz  
Micro-Convex  
D6C15L



4.5MHz  
Volume  
V4C40L



7.5MHz  
Transvaginal  
D7C10L



3.0MHz  
Micro-Convex  
D3C20L



2.5MHz  
Phased array  
D3P64L



6.0MHz  
Phased array  
D5P64L



9.0MHz  
Linear  
D10L30L



8.0MHz  
Linear  
D8L50L



7.5MHz  
Trans-Rectal  
D7L40L-REC



8.0MHz  
Linear  
MBL40L

## Ultrasound System

### CHISON

#### **SonoEye™**



CHISON SonoEye offers a variety of clinical solutions with different Scanner.  
Highly personalized design helps to meet your every need.

- Ultra-Portable, half weight of a phone
- Ultra-Rapidly, 3s to turn on and quickly response.
- Ultra-Waterproof, sterilize and clean freely.
- Multi Connection, a flexibility connection with smart phone or pad.
- Multi Mode, supply with B, C, PW, M, CPA, DPD, 2B mode.
- Multi Application, Emergency medicine, Critical care, Anaesthesiology, Vascular Access, other POC, Musculoskeletal.



## Digital X-Ray System

### New Oriental 1000NA Digital Radiography System



#### I. Configurations:

- Standard Configurations:

No.	Component	Part Number	Manufacturer	Quantity
1	High Frequency Generator	GFS802-4	WDM	1
2	DR Flat Panel Detector	WDF 4343RWi	WDM	1
3	X-ray Tube Assembly	LQ16	YUANZHI	1
4	Collimator	XS1-4	WDM	1
5	Radiographic Table	SC3-7	WDM	1
6	Chest Bucky Stand	LS-8	WDM	1
7	High-density Aluminum Grid	JPI	JPI	2
8	HV cable	DL7512-1B	WDM	1
9	Image Acquisition System	Computer 24" Monochrome LCD monitor WD-ACQUIRE v2.0	WDM	1
10	Intercom System	F197.FJ.10	WDM	1
11	Console	F821.1A	WDM	1

- Optional Components:

No.	Component	Part Number	Manufacturer	Quantity
1	Ion chamber	Three fields	Claymount or equivalent brand	2

## CT Scanner



SINOVISION

### InsitumCT 338

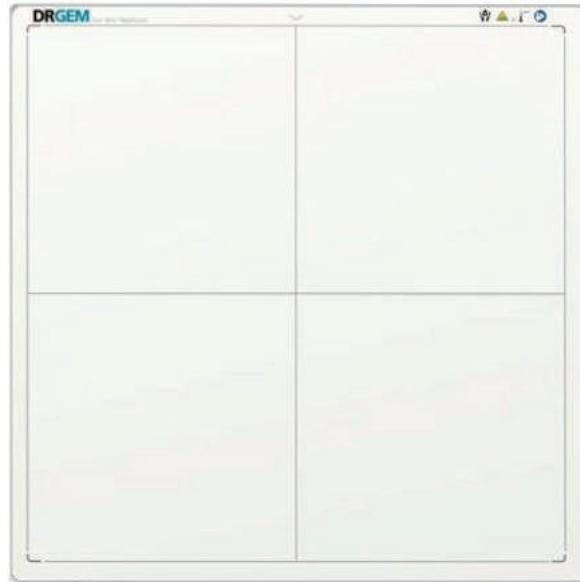


The InsitumCT 338 is a high-performance, 24-row, 32-slice whole body CT scanner, which possesses the latest technologies – artifact Intelligence and low-dosage.

To ensure the quality of the InsitumCT 338, an 80 million second reliability test was conducted pre-launch. A 3.5MHU metal tube, 0.6mm slice thickness scanning, 0.7s per rotation scanning time and efficient one-key positioning allowed for a 20% faster scanning speed than conventional scanning. Its unique modular, fine and ultra-clear detector design not only guarantees excellent image quality and long machine life, but also provides rich clinical applications.

## X-Ray Detector

### Mano4343W



#### SPECIFICATION

NO.	Specification	Performance
1	Detector Technology	Amorphous Silicon
2	Scintillator	CsI
3	Active Area	427mm x 427mm
4	Number of Pixels	3072 x 3072
6	Pixel Pitch	139 um
7	AD Conversion	16 bit
8	Trigger Mode	AED(Optional) / Software
9	Data Interface	Ethernet / WiFi(802.11ac)
10	Dimension	460mm x 460mm x 15mm ( $\pm 1$ mm)
11	Weight	4.3 kg (without battery) 4.6 kg (with battery)
12	Static Loading	150kg Uniformity
13	Battery Capacity	5 hours (Full Performance)
14	Water Proof	IPX1

#### Product Description and Feature

Mano4343W is a 17x17 cassette size wireless portable flat panel detector designed for Human used digital radiography.

- Fast workflow
- Excellent image quality
- More image details
- Cassette-size flat panel detector

## Dental Unit

**AA-1**



## Product Features

- Operating light: 25000Lx strong light illuminance .
- Rotatable glass spittoon .
- Built-out junction box (with water, air and power on/off switch)

## Standard equipments:

- Low-mounted instrument tray with air brake (1 set)
- 4 holes handpiece tubing (3 sets)
- Rotatable Ceramic spittoon (1 set)
- 24V noiseless DC motor (1 set)
- Operating light (1 set)
- 24V X-ray film viewer (1 set)

## Dental Panorama



4 in 1  
Digital X-ray system

Getting ready for the Future of Dentistry

### 01 CBCT

- Superior image processing
- Super high resolution
- Incomparable Free FOV

### 02 Panoramic

High-definition image quality

### 03 Cephalometric

One Shot Ceph and other option

### 04 Object scan

Digital production of dental appliances in combination with RAYDENT Solution

### & Rayguard Protection

Real-time monitoring of your system to ensure optimal functionality

## Dental Autoclave



## Effective, Rapid, Dryness, Safety and Versatility



### 12L

Capacity	12L
Chamber Size	ø20x36cm
Display	LCD
Lock	Electrical+Mechanical
Packing Size	73x57x51cm
G.W/N.W	59/51KGS
Power	220V/50Hz 2.4KW
Output	USB + Printer
Printer	thermal/stylus



### 18L

Capacity	18L
Chamber Size	ø25x35cm
Display	LCD
Lock	Electrical+Mechanical
Packing Size	73x57x51cm
G.W/N.W	61/53KGS
Power	220V/50Hz 2.4KW
Output	USB + Printer
Printer	thermal/stylus

### 23L

Capacity	23L
Chamber Size	ø25x45cm
Display	LCD
Lock	Electrical+Mechanical
Packing Size	77x67x51cm
G.W/N.W	63/55KGS
Power	220V/50Hz 2.4KW
Output	USB + Printer
Printer	thermal/stylus

## Clinical Chemistry Diagnostic Test



### Uninterrupted Run

**Intelligent Probe:**

- collision detection
- clog detection\*
- liquid level detection
- inventory monitoring
- reagent pre-warming



### Accent Intelligent Multi-Patented Leading-Edge Technology



### Cost Savings

- Dedicated Applications Optimized for Maximum Performance
- Reduced Reagents Consumption – Only 100 µl Minimum Reaction Volume
- Longest Reagents On-Board and Calibration Stability (up to 12 Weeks)



### Advanced Software

- Intuitive User Friendly Interface
- Intelligent Reflex Function for Conclusive Diagnosis
- Intelligent Self Diagnostics
- Flexible During Run Reagent Loading

\*available for Accent MC240 and M320.

### NEW ACCENT SERIES ANALYZER

together with **the highest quality dedicated reagent line**, calibrators and controls provide **COMPLETE SOLUTION** suitable for small to mid-size laboratories. Fully automated, bench-top, compact size, small reagent consumption and reliable technology, are basic characteristics of the new generation of ACCENT family.

#### Accent MC240

- 240 T/H Constant & 400 T/H with ISE
- 80 Reusable Cuvettes
- Clog Detection
- Grating System with 12 Wavelengths

#### Accent S120

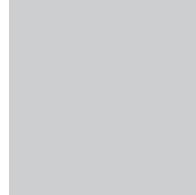
- Up to 120 T/H & 400 T/H with ISE
- 40 Disposable Cuvettes
- 8 Wavelengths

#### Accent M320

- Up to 320 T/H & 540 T/H with ISE
- 80 Reusable Cuvettes
- Clog Detection
- Grating System with 12 Wavelengths



## Automated ELISA System



## Fits Anywhere in the Lab

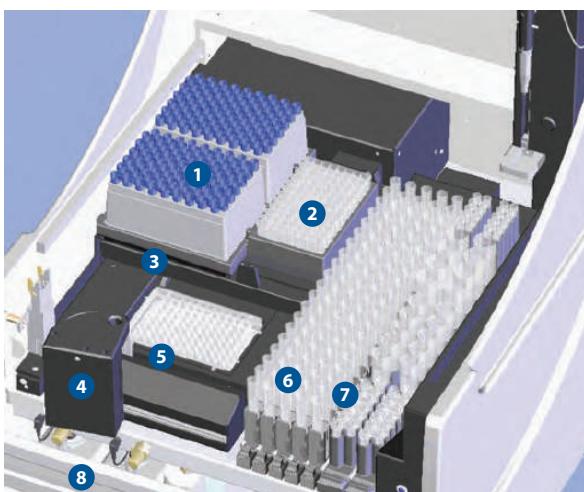
DYNEX DS2 Automated ELISA System is a compact, fully automated open system that delivers automated sample processing, incubation, reagent addition, washing and detection steps for assays as defined by the manufacturer. With DS2 you can run any assay from any vendor and can bring in tests that you are currently sending out with reliability and ease-of-use.

Designed with full walkaway capability, DS2 quickly and easily processes two 96-well microplates and up to 12 different assays simultaneously. The system also features a user-friendly control system, chain of custody management and on-board instrument diagnostics.

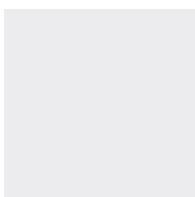
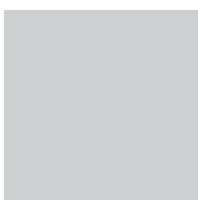
### Run Any Assay from Any Vendor

From clinical diagnostics, such as autoimmune and infectious disease to food safety and drugs of abuse testing, DS2 has the comprehensive capability needed to ensure the rigorous, repeatable analysis required to deliver the most accurate results.

### DS2 Workspace Area



- 1 2 sample-tip racks (216 tips total)
- 2 12 deep-well dilution strips (96 wells total)
- 3 Embedded reader and 2-plate incubator
- 4 Barcode reader (optional)
- 5 2 independent plate carriers
- 6 5 slide-in sample racks (100 samples total)
- 7 2 slide-in reagent and control racks
- 8 Access panel to buffers, waste bottles and waste-tip container





## Auto Glycated Hemoglobin Analyzer

### High Pressure Ion Exchange Liquid Chromatography(HPLC)



**G 21**

## Auto Glycated Hemoglobin Analyzer

High Pressure Ion Exchange Liquid Chromatography(HPLC)

### Performance

**Method:** High Pressure Ion Exchange Liquid Chromatography(HPLC)

**Sampling system:** Primary tube puncture injection, sample cup hemolysis mode injection.

**Throughput:** ≤3mins per sample

**Sample Volume:** 5 $\mu$ L

**Sample Tray:** 15 samples position,CAL1(QC1)&CAL2(QC2) position,ST

**Sample Type:** Venous whole blood, peripheral blood

**Test Item:** HbA1c& $\beta$ -Thalassemia

**Chromatographic column:** 4000test/column,calibration report and parameters can be printed after only one calibration.

**Sieve plate:** 200test/sieve plate,10/set

**Report:** IFCC&NGSP result

**Sample dilution rate:**1:300

### Hardware

**Pump:** HPLC pump,The maximum pressure can be 200KG/c square meters (2900psi), with pressure sensing ability, pressure fluctuation  $\pm 5\%$ . The analysis column heating module has the ability to control the constant temperature of the analysis column, the temperature control environment range is 5°C-40°C, and the temperature fluctuation is  $\pm 0.20^{\circ}\text{C}$

**Illuminant:** LED system,baseline drift 2mv per hour

**Sample type:** Original tube on the machine, original tube and diluted sample cups can be automatically recognized by the analyzer.

**Printer:** Thermal printing paper, printing test reports and graphs

**USB port:** Support LIS system software upgrade online,external barcode scanner optional

**Display:**10.4 inch LCD colorful touch screen,630mm×360mm×500mm

### Software

With online chromatogram sample data saving and query ability

Multi-language operation and reporting software

Monitor instrument parameters real-time

Printing reports including HbA1a, HbA1b, LA1c, HbA1c, HbA0, and reports on abnormal samples.

Warning function for reagent insufficiency and no reagent.



## Safety Cabinet

**Basic Series**  
**Class II A2**  
**Biological**  
**Safety Cabinet**



### Button Screen

Large LCD display is easy to monitor all the safety parameters at a glance; and ergonomically sized control panel improves users interface.



### Work Zone

Work zone is made of 304 stainless steel, is surrounded by negative pressure.



### Remote Control

All functions can be realized with it, making the operation much easier and convenient.



### Waterproof Socket

2 waterproof sockets are located in the side panel, for optimum convenience of using small devices inside the cabinet.



### UV Lamp

Emission of 253.7 nanometers for most efficient decontamination.

# Aesthetic Equipment's



## AQUAPURE : The Ultimate Face & Body Experience

The AQUAPURE is a non-invasive, multifunctional facial care device that treats a variety of skin conditions in patients with diverse skin profiles.

Each AQUAPURE handpiece works to promote skin tightness and rejuvenation with skin-nourishing solutions that deliver immediate results.

### Handpieces



#### AQUAPEEL PEELING

- Removes dead skin cells and other impurities
- Deep cleansing
- AQUAPURE System Cleaning



#### ELECTROPORATION WHITENING

- Nourishes skin
- Boosts circulation
- Brightens skin



#### MICRO-CURRENT FACIAL LIFTING

- Tightens skin
- Lifts jowls and eyebrows
- Elastin and collagen regeneration
- Stimulates blood circulation



#### COOLING/HEATING SKIN RELAXATION

**COOLING**

- Reduces fine lines and wrinkles
- Enhances skin repair

**HEATING**

- Desensitizes skin
- Firms and tones



## Secret<sup>RF</sup> 2.0

### THE SECRET OF MULTI-PLATFORM RF SYSTEM ;

SECRET RF is well systemized for RF based multi-platform system creating individual fractional multiple and single thermo-coagulation technologies in one system. This standout multi-function system enables to increase treatment efficacy and reliability for various dermatologic conditions including anti-aging, acne, scars and thread vein.

### INDICATIONS

#### Face Treatment

Non-surgical Face Lifting  
Skin Tightening  
Wrinkle Reduction  
Pore Reduction

#### Body Treatment

Acne Scars  
Scars  
Spider Veins

Scars  
Stretch Mark

## Secret<sup>RF</sup>

### FRACTIONAL RF TECHNOLOGY

Secret RF uses precision 2MHz bi-polar RF and minimally invasive micro-needles in one technology to produce a powerful synergistic effect minimizing damage on the epidermis. Precisely controlled RF energy induces subdermal thermal effect and deep dermal thermal coagulation to selectively adjusted depth from 0.5mm to 3.5mm via patented non-insulated micro-needles. It is capable of greater heating and denaturing, which stimulates fibroblast of both subdermal and dermal layers and remodels the skin effectively. Furthermore, it can treat all skin type, even darker skin with low risk of side effects and PIH.

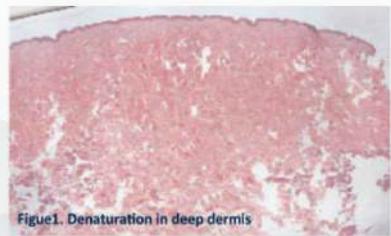


Figure1. Denaturation in deep dermis

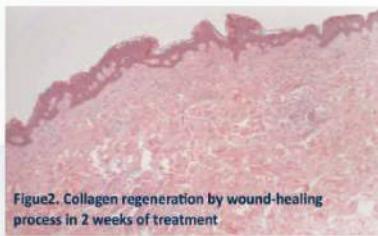
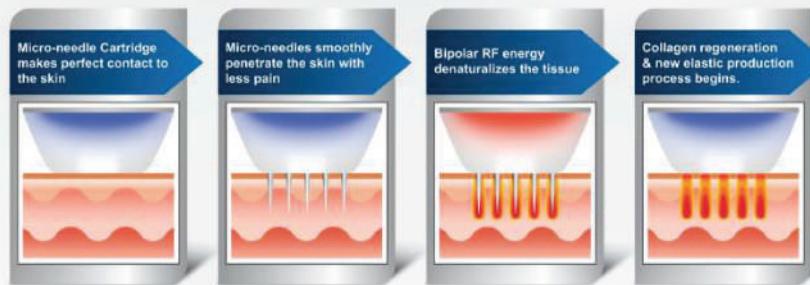


Figure2. Collagen regeneration by wound-healing process in 2 weeks of treatment



### HOW Secret<sup>RF</sup> WORKS





## Laser Hair Removal



### SPECIFICATION

System Type	Alexandrite	Nd:YAG
Wavelength	755nm	1064nm
Pulse Width	250 $\mu$ s ~ 300ms	250 $\mu$ s ~ 300ms
Max Delivered Energy	60J	80J
Recommended Energy	3ms, 50J@2Hz (at 24mm spot)	3ms, 60J@2Hz (at 24mm spot)
Pulse Rate	0.5, 1, 1.5, 2, 3, 4, 5, 6, 7, 8, 9, 10Hz	
Beam Delivery	Optical Fiber	
Aiming Beam	InGaN, 530nm, below 10mW	
Spot Size	3, 6, 8, 10, 12, 15, 18mm (Option : 5, 20, 22, 24mm)	
Weight	125kg	
Dimension	581 x 855 x 1229mm	
Electrical Requirements	220VAC, 50/60Hz, 4.6KVA	
Cooling System	GCD Type (GAS Cooling Device) Handpiece	

#### Accessories

Cooling Device (Option) : ACD Type (Air Cooling Device) Handpiece



## Cryotherapy **MedGyn Cryotherapy System MGC-200™**

MedGyn Cryotherapy System is designed by physicians and engineered by cryogenic experts to ensure safety, performance and convenience. The MedGyn Cryotherapy System has superior technology combined with a 3-position single trigger to deliver optimal cryosurgical temperatures. A wide variety of autoclavable tips is available. The equipment works with Nitrous Oxide (N<sub>2</sub>O) or with Carbon Dioxide (CO<sub>2</sub>) gas and has standard-specific adaptors.

019000 MedGyn Cryotherapy System MGC-200 (tips not included)

- Single-hand control from three-position trigger (freeze, off, defrost)
- Instant defrost
- Wide choice of autoclavable tips
- Valve body designed and manufactured for long, trouble-free life
- Ability to change tip during procedure without shutting off gas flow
- Capture "O" ring design provides complete gas seals where tips attach to probe system
- Built-in regulators control pressure at tip for added safety and gas economy
- Nitrous Oxide (N<sub>2</sub>O) and Carbon Dioxide (CO<sub>2</sub>) adapters available



Carrying Case



## ENT Workstation

### DONG-A CHAMMED XU1 SMART ENT Workstation

#### Specifications

Power source	220V 50Hz/60Hz
Power consumption	950VA
Compressor motor	2.2Kgf/cm <sup>2</sup> ±0.7Kgf/cm <sup>2</sup>
Suction motor	680mmHg
Dimension	490mm(W)x587mm(D)x860mm(H)±10%
Weight	74Kg±10%

Color:  Black  Yellow  Cyan



▲ XU1 SMART+Endoscopic system

Standard set	Options
Spray	2
Suction	1
Rigid endoscope quiver	2
Mirror quick heater	1
Medicine bottle	2
Side tray(L/S)	2
83mm Can	3
57mm Can	2
Instrument tray	1



▲ XU1 SMART+Endoscopic system+Instrument cabinet

#### Bottled Irrigation

Spray / Suction type selectable	head 1 / bottle 2
Warm up time	Approximately 60mins~90mins
Max temp	Approx 43. degree.



## Endoscopic Visual System

### SuperVision HD Camera

#### **Key Features :**

- More Excellent Quality, Very Reasonable Price, Longer Life Operation
- Compact & Smart Design, High-Definition Images Display, Easy Grip of Hand-piece
- Single, Double, Quadruple Photos Captured and Retrieved on the Monitor
- More Highly Advanced CMOS Camera w/LED



## Endoscopic Visual System

### MedVision Halogen Lamp

#### **Key Features :**

- Remarkably Much Higher Quality, Very Competitive Price, Longer Life Sustainable Operation
- Compact & Smart Design, Outstanding Images Display, Easy Grip of Hand-piece
- Single, Double, Quadruple Photos Captured and Retrieved on the Monitor
- Highly Advanced CCD Camera Halogen Lamp



## Hospital Furniture

### Famed SU-14

#### ECONOMIC OPERATING TABLE WITH ELECTRIC HEIGHT CONTROL

The table is designed to support the patient during treatments and surgeries in general surgery, vascular surgery, cardiac surgery, neurosurgery, urology, gynecology, proctology, laryngology, ophthalmology and others. The electrical control with the possibility of programming three predefined table settings helps to make the operation easier and shortens the procedure time. The construction made of high quality carbon steel, coated with polyester-epoxy powder varnish combined with a composite base ensures easy and quick disinfection. The table top segments, which are transparent for X-rays, allow for taking X-rays and monitoring the patient with the C-arm.



UNIVERSAL



ELECTRIC REGULATIONS



HIGH QUALITY

The Famed SU-14 operating table provides a comprehensive solution for outpatient surgery or one-day surgery. It is a combination of an operating table with a transport trolley. Stable large diameter wheels allow you to overcome obstacles in the corridors, built-in oxygen tank holder ensures patient safety.

By remote control we can adjust the height of the tabletop, side tilts, Trendelenburg and reverse-Trendelenburg. The control system makes it possible to program three predefined table settings in the bbSafe™ remote control (e.g. tabletop).

The Famed SU-14 operating table is being created in Poland. The entire production is focused at the factory in Żywiec, giving us a constant opportunity to control the quality of our product. The highest quality steel will protect your table from damage and ensure long-lasting, trouble-free operation. All steel elements are made of high-grade stainless steel using the Inteliprotect™ technology - matte finish with additional zinc protection, surface resistant to disinfectants.





## Turnkey Projects





## 8<sup>th</sup> Dimension for Medical Equipments

### شركة البعد الثامن للاجهزة الطبية



Saudi Arabia, Riyadh, King Fahd St., Anoud Tower



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