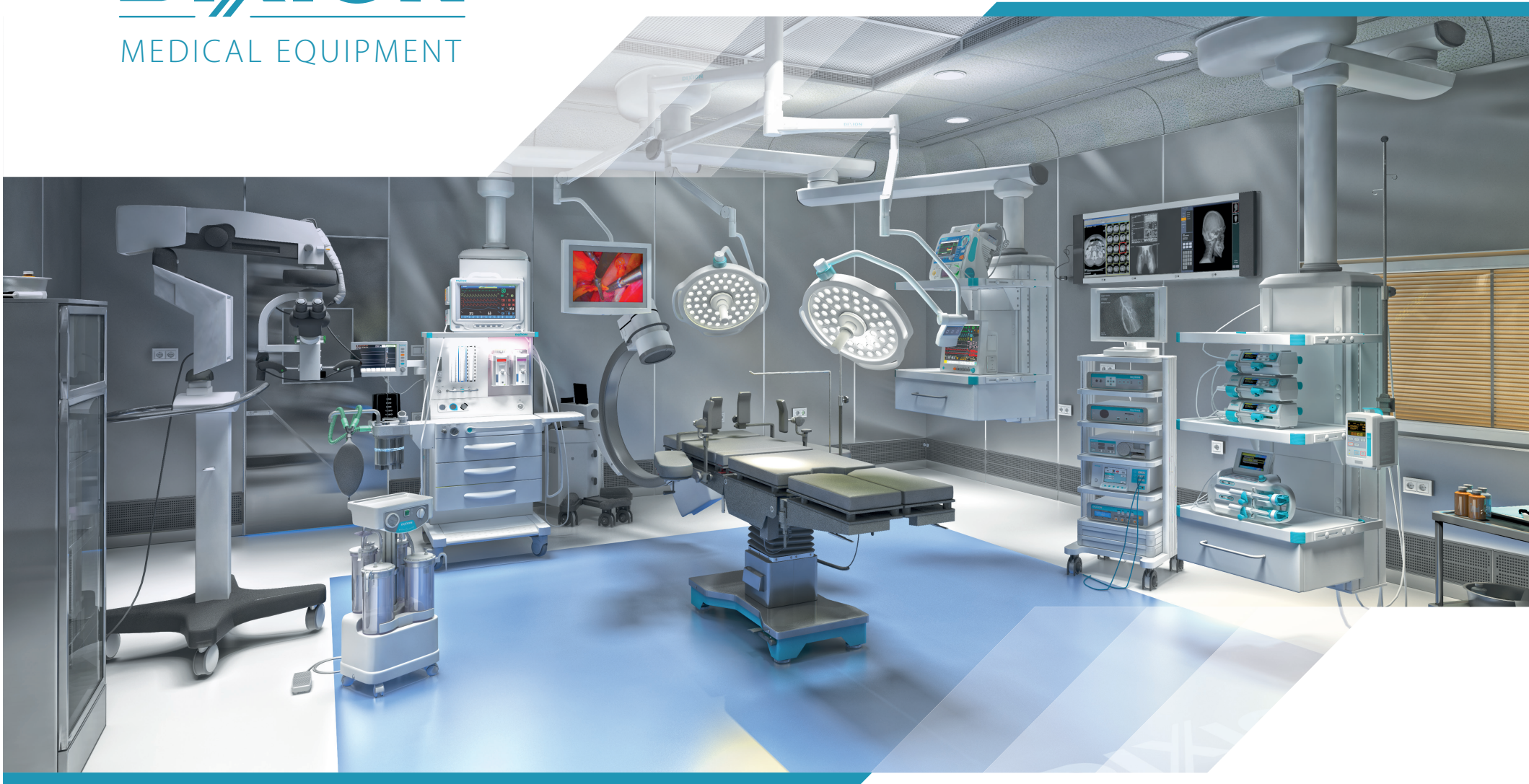


DIXION

MEDICAL EQUIPMENT





DEAR COLLEAGUES, PARTNERS AND FRIENDS

DIXION has been an active player in the field of healthcare for over 13 years. In this highly productive period, we have managed to build a reputable trading and manufacturing company that is recognized and respected in many European, Asian and African countries.

DIXION puts quality, reliability and technological expertise above everything, and we therefore employ only people who are experienced and highly competent experts in their respective fields.

In cooperation with leading manufacturers of medical equipment, DIXION has designed and successfully promotes the widest range of modern medical equipment under the unified trading brandname.

DIXION imposes stringent requirements for the quality of its manufactured equipment, ensuring both its safety and high reliability. The company certification number is ISO 13485/9001 and all of our manufactured products are marked with the CE certification.

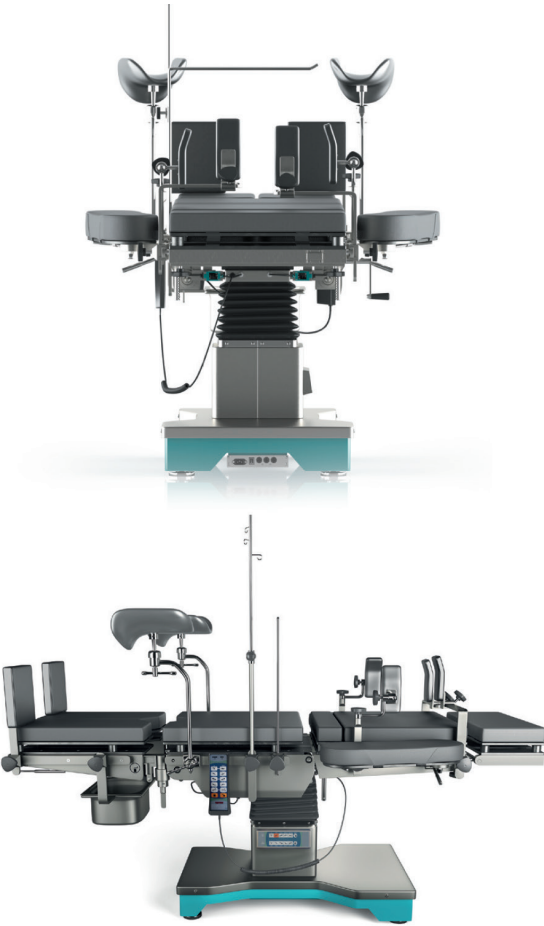
DIXION adopts a conservative approach to its business development, offering only proven medical equipment whose economic efficiency stands unchallenged. Moreover, we constantly monitor and analyze the latest achievements in the field of medicine and medical equipment and take particular care to renew and expand our product range to guarantee that our products meet all up-to-date requirements.

DIXION

OPERATING TABLES

Modern and multifunctional operating tables designed for a wide range of surgeries. They are equipped with a safe and reliable hydraulic system for height and section position adjustment. Made with stainless steel and durable cover.

- X-ray radiolucent cover
- Optimal flexibility and versatility for effective patient positioning
- Safe and reliable built-in hydraulic or electric system
- Table and accessories cover are easy to clean and sterilize



SURGERY



	Surgery 8900 modular	Surgery 8900	Surgery 8800	Surgery 8700	Surgery 8600	Surgery 8500
Mechano-hydraulic drive						•
Electro-hydraulic drive	•	•	•			
Electrical drive				•	•	
Manual override	○	○				
Longitudinal sliding	•	•	•	•	•	
Kidney bridge	○	○	•	•	•	•
Battery	○	○	•	•	•	•
Removable head/ leg sections	•	•	•	•	•	•
Remote control	•	•	•	•	•	

○ — optional

DIXION SURGICAL LIGHTS

Dixon highly reliable halogen and LED surgical lights are used for most surgeries.

Consol — and lever-based space-saving models guarantee smooth movement of the lights during operation. It also provides secure fixation of the levers, which makes their usage easy and comfortable with maximum illumination and minimum light intensity loss.

- Easy lamp replacement
- High mobility and ergonomic design
- Maximum shadowless effect even at partial darkening
- Surgical lights are available in mobile version or ceiling-mounted single/double dome models



SURGERY

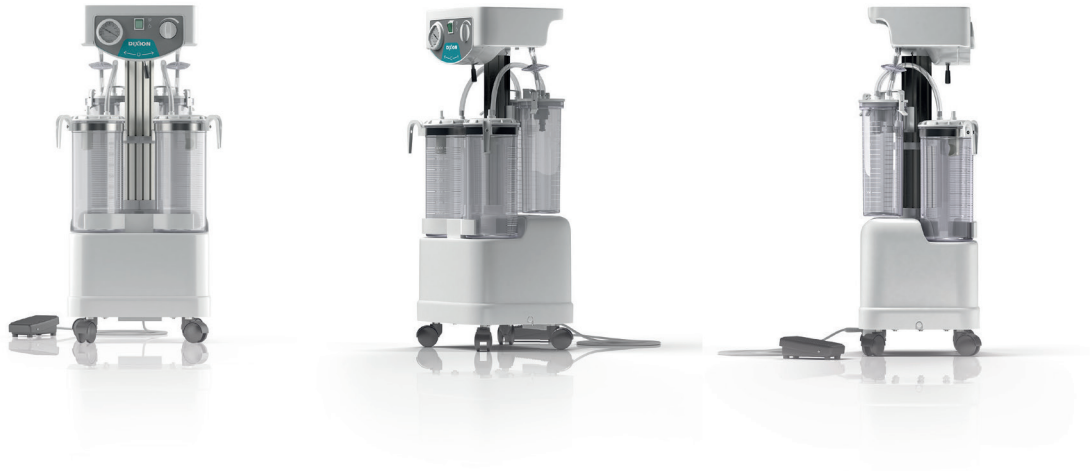
	Convelar 1677 LED	Convelar 1675 LED	Convelar 1655 LED	Convelar 1670 LED	Convelar 1650 LED	Convelar 1607 LED	Convelar 1605 LED	Convelar 1603 LED
Ceiling mounted single-light system				•	•			
Ceiling mounted dual -light system	•	•	•					
Floor standing mobile lights						•	•	•
LCD touch screen	•	•	•	•	•	○	○	
Illumination intensity adjustment	•	•	•	•	•			
Color temperature adjustment	•	•	•	•	•			
Chromogenic index adjustment	•	•	•	•	•	•	•	
Video camera (optional)	○	○		○			○	
Battery(optional)	○	○	○	○	○	○	○	

DIXION SUCTION UNITS

DIXION suction units are designed for the aspiration of blood, vomit, mucus and other bodily fluids. These medical suction units provide a reliable solution for emergency medical assistance and patient care in hospitals, first-aid centers, intensive care units and welfare organisations.

- Oil-free compressor
- Low noise level
- Secure vacuum level control
- Antibacterial air filter reduces contamination of the environment

SURGERY



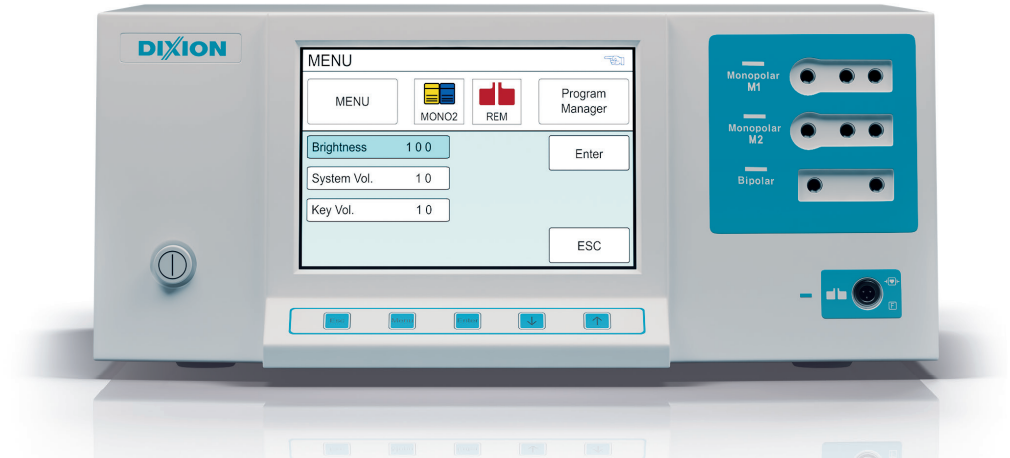
	Vacus 7308	Vacus 7305	Vacus 7209	Vacus 7032
Portable			•	•
Mobile	•	•		
Gynecological	○	○		○
For ambulance service			•	
Surgical	•	•		
PC jar	•	○	•	•
Glass jar		•		
Replaceable secretion bags		○	○	○
Trolley			○	○
Built-in battery			•	
Wall mounting			○	○

○ — optional

DIXION ELECTROCOAGULATORS

A wide range of DIXION electrocoagulators can be used for most surgical procedures, including cardiac surgery and urology, where large output power is needed. High-frequency generator guarantees excellent cutting and coagulation within the following operation modes: monopolar cuts, bipolar cut, bipolar coagulation, contact coagulation, spray coagulation.

- Very low output resistance of 100 – 300 ohm
- Custom programming
- Compatible with endoscopes and argon plasma systems
- Wide range of accessories available with basic set



	Altafor 1345 Plus	Altafor 1340 Plus	Altafor 1330 Plus	Altafor 1320 Plus	Altafor 1310 Plus
Monopolar coagulation	•	•	•	•	•
Bipolar coagulation	•	•	•	•	•
Spray coagulation	•	•	•	•	
Bipolar cut	•	•	•		
Monopolar cut	•	•	•	•	•
Compatibility with argon module	•	•	•		
Microprocessor -controlled generator output	•	•	•	•	•
Memory channels	•	•	•		
Touch screen display	•				
Neutral electrode resistance monitoring system	•	•	•	•	
Auto-start function in bipolar mode	•				

SURGERY

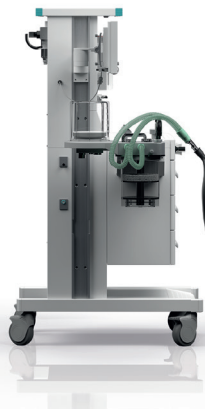
DIXION ANESTHESIA WORKSTATIONS

Practice Anaesthesia Workstations with advanced technical characteristics and proven ventilation and anaesthesia technologies are suitable for the use with all patient groups.

- New, evolved and reliable gas supply system
- Flowmeter illumination
- Ventilation in closed, semi-closed, semi-open mode



ANESTHESIOLOGY & INTENSIVE CARE



	Practice 3800	Practice 3700	Practice 3200	Practice 3100	Practice 3000
Driven mode — pneumatic	•	•	•	•	•
External compressor	○	○	○	○	○
Gas supply O ₂ /N ₂ O/Air	•	•	•	•	•/○
Adults/Pediatric	•	•	•	•	•
Electronic PEEP	•	•	•	•	•
CO ₂ bypass	○	○	○	○	
etCO ₂ mainstream	○	○	○	○	
Analysis of anaesthesia agent	○	○	○	○	
Electronical flowmeters	•	○			
ACGO	○	○	○	○	
AGSS	•	•	○	○	○
Selection of O ₂ , CO ₂ and anesthetic gas monitoring	○	○	○	○	
Battery	•	•	•	•	•

○ — optional

DIXION RESPIRATORY VENTILATORS

Electrically-driven and electronically-controlled ventilators are suitable for the use in intensive care unit or emergency rooms with both adults and children.

All ventilators are microprocessor-controlled and equipped with parameter monitoring, waveform monitoring, as well as different ventilation and pressure modes.



ANESTHESIOLOGY & INTENSIVE CARE



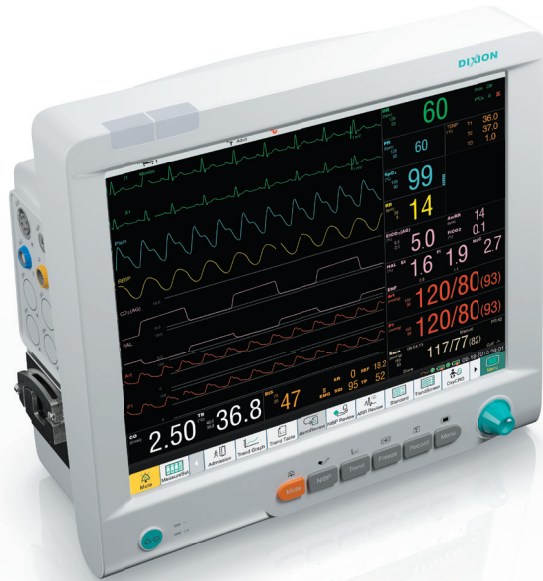
	Aeros 4800	Aeros 4600	Aeros 4500	Aeros 4300S	Aeros 4300
Pneumatic drive	•	•	•	•	•
Electric drive		•	•		
Compressor	○				
Children/Adults	•	•	•	•	•
Infants	○	○	○	○	
NIV	•	•	•	•	
Manual ventilation	•	•	•	•	•
Assisted ventilation	•	•	•		
Spontaneous ventilation	•	•	•	•	•
Pressure trigger	•	•	•	•	•
Flow trigger	•	•	•	•	
PEEP	•	•	•	•	
Synchronized nebulizer	•	•	•		
Touch screen	•	•	•		
Built-in battery	•	•	•	•	•

○ — optional

DIXION PATIENT MONITORS

Patient monitors are designed for various hospital departments and applications. Fulfilling the needs of cardiac patients, they can be used for critical care, post- anesthesia care and during surgeries.

- ECG, RESP, SpO 2 , NIBP, 2x TEMP, HR
- Built-in rechargeable battery
- Network capability



ANESTHESIOLOGY & INTENSIVE CARE

	5900	5800	5500	5300	5120	5110	5100
Display, inches	10,4	15	8,4/10,4/ 12,1	5,7	4,3	4,3	2,4
• 320 x 240							•
• 480 x 272					•	•	
• 640 x 480				•			
• 800 x 600	•		•				
• 1024 x 768		•					
Touch screen (optional)		•	•		•	•	
Displaying up to 9 waveforms	•						
Displaying up to 11 waveforms			•				
Displaying up to 13 waveforms		•					
Large digits mode	•	•	•	•			
Drug dose calculation	•	•	•				
Pacemaker detection	•	•	•				
Analysis of arrhythmias, ST-segment of all leads	•	•	•				
ECG analysis 12 leads (optional)	•	•	•				
96h trends keeping , 500 NIBP, 60 alarms	•						
120h trends keeping, 1200 NIBP, 70 alarms		•	•				
72h trends keeping, 30.000 NIBP, 80 alarms				•			
500 groups per ID storage capacity					•	•	
300 groups per ID storage capacity							•
5 standard parameters	•	•	•				
Predictive temperature (Q-Temp) Module			○				
IBP (optional)	○	○	○				
Cardiac output (optional)	○	○	○				
Capnometry (optional)	○	○	○		•		
Multigas phasein (optional)		○	○				
Connection to CMS	•	•	•	•			
Integrated bed mount (bedhanger)	•	•	•	•			
Integrated printer (optional)	○	○	○				
USB, Ethernet, 12V DC	•	•	•	•			
VGA, synchronization with defibrillator		•	•	•			

DIXION MODULAR PATIENT MONITORS

ANESTHESIOLOGY & INTENSIVE CARE

Modular construction of DIXION patient monitors allows assembling various modules with dozens of parameters into one system in accordance with the hospital needs. Fanless cooling system keeps the monitor working smoothly and quietly.

- Antiglare color TFT-LCD touch-screen display with a variety of sizes
- Wireless connection into Central Monitoring System
- The ability to connect an independent additional display



	D8	D5	D3	DS7	DS5	DS3
Display, size(inches)	17	12.1	8	15	12.1	10.4
Resolution	1280 x 1024	800 x 600	800 x 600	1024 x 768	800 x 600	800 x 600
Touch screen	○	○	○	•	•	•
Standart Input/Output	4	4	1	5	5	5
Additional Input/Output	1	1	1	2	2	2
USB port	6	4	2	2	2	2
Pacemaker detection	•	•	•	•	•	•
Input defibrillator synchronization	•	•	•	•	•	•
Drugs calculation	•	•	•	•	•	•
SD storage card	•	○	○	•	○	○
Thermal printer (optional)	•	•	•	•	•	•
Battery	•	•	•	•	•	•
Analog output (ECG or IBP)	○	○	○	○	○	○

○ — optional

DIXION SYRINGE & INFUSION PUMPS

ANESTHESIOLOGY & INTENSIVE CARE

Compact and fail-safe DIXION syringe pumps are used for IV infusion with all groups of patients. They provide a high precision of dosage rate, have a sufficient amount of functions and are easy to operate.

- LCD screen
- Flow rate setting according to the syringe type
- Automatic flow rate calculation according to the adjusted infusion volume and time
- A control knob is combined with a keyboard for simple operation



	Instilar 1410	Instilar 1420	Instilar-1428
Syringe pump			•
Infusion pump	•		
Feeding Pump		•	
IV set compatible of any standard/feeding set	•	•	
Automatic syringe detection			•
Air-in-line ultrasonic detector	•	•	
Automatic calculation of delivery rate			•
Curvilinear peristaltic mechanism	•	•	
Continuous flow rate infusion mode	•	•	•
Purge, Bolus	•	•	bolus
KVO	•		
History log	•		
Multiple Infusion modes	•		•
Display LCD color	•	•	•
Storage capacity	•		•
Alarm level	•	•	•
Self-calibration			•
Thermostat/warmer	•	•	
Wireless management	○	○	
Battery	•	•	

○ — optional

DIXION FUNCTIONAL BEDS

HOSPITAL WARD

The DIXION Bed series are an excellent choice for an optimal patient comfort. Significantly improving the staff efficiency, all beds offer multiple options to provide the best possible patient care and improves.

- The removable sleeping surface is easy to clean, disinfect and repair
- The split side rails are easy to operate



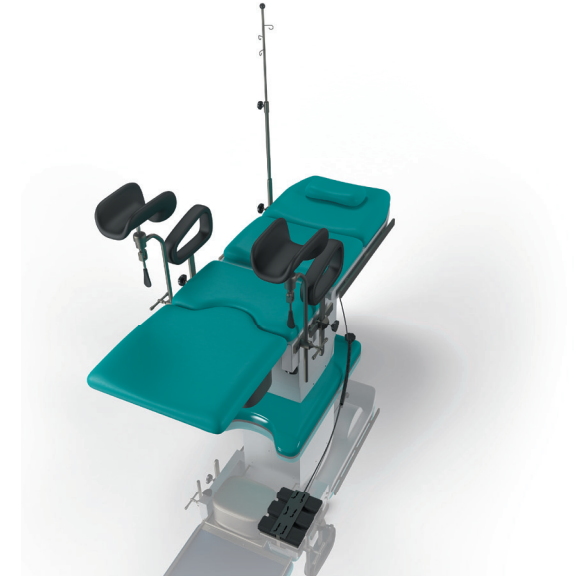
	Dixon Classic Bed	Dixon Intensive Care Bed	Dixon Intensive Care Bed - 02	Hospital Bed
Electric drive	•	•	•	
Mechanical drive				•
Trendelenburg adjustment/ reverse trendelenburg	•	•	•	
CPR-function	•	•	•	
Position memory		•	•	
Display of inclination angles		•	•	
Separate handrails	•	•	•	
Separate break for each wheel	○	○	○	•
Central break	•	•	•	
Accumulator	•	•	•	
Remote control for staff	•	•	•	
Remote control for patient	•	•	•	
Built-in scale			•	
Electric power indicator			•	
Night light			•	
Nurse call location			•	

○ — optional

DIXION GYNECOLOGICAL EXAMINATION CHAIR

A multipurpose DIXION gynaecological chair is designed for maximum patient comfort and doctor convenience. Seat cover is made of seamless water-proof material resistant to cleansing substances.

- Built-in holder for disposable drapes
- Fluid bowl
- Adjustable leg support
- Handgrips

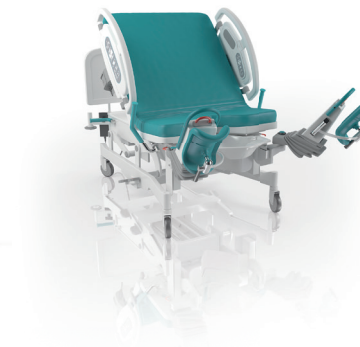


	Grace 8400
Electric adjustment of the height, backrest and pelvic section inclination	•
Foot section	•
Adjustable to table position	•
Wheels for movement and support for reliable fixation	•
Wheels for movement with wheel locks	•
Foot control pedal	•
Manual remote control	

DIXION DELIVERY BED

DIXION deliver bed is made of heavy duty metal frame electrostatically painted with epoxy powder. The mattress cover of the ABS sleeping surface can be easily removed.

- Fully adjustable leg support
- 3 single drives + 1 control unit + 1 patient handset
- Build- in leg section which is easily placed under the bed surface
- Holes for I.V. pole mounts



OBSTETRICS GYNECOLOGY

	DIXION Comfort
Trendelenburg Position	•
Antitrendelenburg Position	•
Fully adjustable legs support	•
Back section angle adjustable	•
Height-adjustable	•
Built-in leg section	•
Pelvic section angle adjustable	•

DIXION FETAL MONITORS

DIXION fetal monitors provide maternal/fetal monitoring before and during the birth, what ensures high quality of birthing experience and excellent patient care. These fetal monitors are used for the entire continuum of antepartum, intrapartum and postpartum.

OBSTETRICS GYNECOLOGY



	Overtone 6900 Exp	Overtone 6900	Overtone 6200
LCD display	.	.	.
Dot-matrix liquid display			.
FHR 1	.	.	.
FHR 2	.	.	○
TOCO	.	.	.
Fetal movement	.	.	.
DECG	○	○	○
IUP	○	○	○
Maternal ECG	.		
Maternal NIBP	.		
Maternal SpO2	.		
Maternal Temp	.		
CTG analysis system	.	.	.
Built-in thermal printer	.	.	.
Portability	.	.	.
Battery	.	.	.

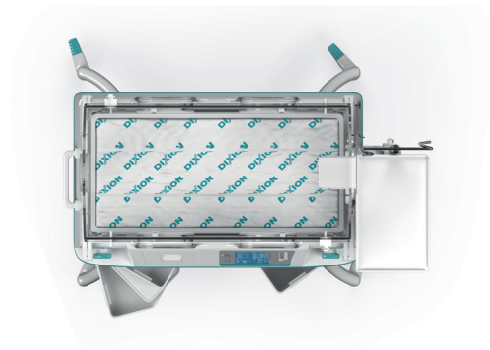
○ — optional

DIXION INFANT INCUBATORS

Intensive care DIXION infant incubators with airtemp and skin-temp servo-control are equipped with a micro-computer. A special air circulation system inside the apparatus minimises the flow in the hood environment. Chamber side windows are equipped with transparent leaves and flexible sleeves.

The automatic curtain reduces heat loss.

- Double walled hood
- Smooth bassinet adjustment
- RS-232 interface for distance control



	BabyGuard I-1125	BabyGuard I-1120	BabyGuard I-1107	BabyGuard I-1103
LCD display with backlight		•		
Servo control t° air	•	•	•	•
Servo control t° skin	•	•	•	•
Servo Control Humidity		•	•	○
Passive humidifier	•			•
Control O ₂		•	•	
Servo control O ₂		○	○	
Emergency battery	•	•	•	•
Adjusting the height of base	•	•		
Built-in weight-scales		○	○	○
X-ray cassette holder		•		
Storage capacity		•		
Case for accessories		•	•	•

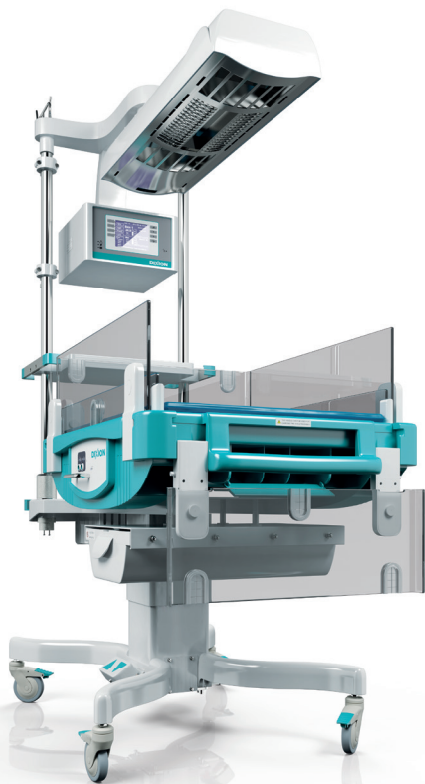
○ — optional

NEONATOLOGY

DIXION OPEN REANIMATION SYSTEMS

DIXION Open Reanimation Systems with three control modes (pre-warm mode, manual mode and baby mode) are controlled by a micro-computer]p'

NEONATOLOGY



	BabyGuard-1145	BabyGuard-1140
Servo control t° air		•
Servo control t° skin		•
Heater "Radiant heat"	•	•
Adjustable bassinet inclination	•	•
Adjustable angle of phototherapy/warmer module	•	•
Reclining side panels	•	•
X-ray cassette holder		•
LED phototherapy	•	•
LCD display with backlight	•	
Data storage	•	
Lower bed heating	•	
Gel mattress	•	○
Stand height adjustment	•	○
Built-in battery	•	•
2 backlight modes in- use and night	•	
Case for accessories	•	•
Apgar timer	•	•

○ — optional

DIXION PHOTOTHERAPY UNITS AND INFANT RADIANT WARMERS

DIXION neonate bilirubin phototherapy equipment consists of a lamp and a mobile stand. It can be used with a mobile stand (Mobile Phototherapy Unit), or without it to be placed on an incubator hood.

- Compatible with any incubator
- Lamp stand on wheels with brakes



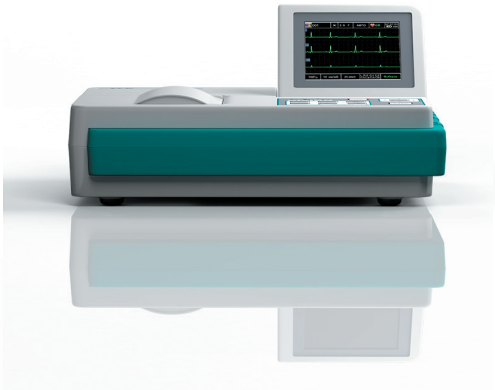
	BabyGuard Y-1135	U-1133	U-1131
Light source: LED		•	
Light source: fluorescent lamps			•
Ceramic heaters	•		
Blue light lamps		•	•
Timer	•	•	•
Height-adjustable stand	•	•	•
Stand with 4 castors+brakes	•	•	•
Lamp module: angle-adjustable	•	•	•

ECG

Modern portable digital electrocardiographs with foldable anti-glare LCD display.

- Built-in rechargeable battery
- High resolution thermal printer
- Lead-Off detection and display
- Various report formats to meet different needs

FUNCTIONAL DIAGNOSTICS



	ECG-1012Exp	ECG-1012	ECG-1006	ECG-1003
Simultaneously printed channels	6/12	6/12	3,6	3
Color display	•	•	•	•
Stress test hold	•			
Interpretation	•	•	•	•
Connection to PC	•	•	•	•
Automatic detection of arrhythmia	•	•	•	
Pacemaker detection	•	•	•	○

○ — optional

OPERATING SUITE

Operating Tables	Surgery 8900 Modular		
	Surgery 8900		
	Surgery 8600		
	Surgery 8500		
	Surgery 8800		
	Surgery 8700		
Surgical Lights			
	Convelar 1677 LED		
	Convelar 1675 LED		
	Convelar 1655 LED		
	Convelar 1670 LED		
	Convelar 1650 LED		
	Convelar 1607 LED		
	Convelar 1605 LED		
	Convelar 1603 LED		
LED			
	Convelar 1677		
	Convelar 1675		
	Convelar 1655		
	Convelar 1670		
	Convelar 1660		
	Convelar 1605		
Hallogen	Convelar 1607		
	Practice 3800		
	Practice 3700		
	Practice 3200		
	Practice 3100		
	Practice 3000		
Anesthesia Workstations	Altafor 1345 Plus		
	Altafor 1340 Plus		
	Altafor 1330 Plus		
	Altafor 1320 Plus		
	Altafor 1310 Plus		
Electrocoagulators	Vacus 7308		
	Vacus 7305		
	Vacus 7209		
	Vacus 7032		
Suction Units			

INTENSIVE CARE

Ventilators	Aeros 4800		
	Aeros 4600		
	Aeros 4300		
	Aeros 4300S		
	Aeros 4500		
Patient Monitors	5900		
	5800		
	5500		
	5300		
	5120		
	5110		
	5100		

Modular Patient Monitors	D8		
	D5		
	D3		
	DS7		
	DS5		
	DS3		
Syringe & Infusion Pumps	Instilar 1410		
	Instilar 1420		
	Instilar 1428		
OBSTETRICS/GYNECOLOGY			
Gynecological examination chair	Grace 8400		
Delivery Bed	Comfort		
Fetal Monitors	Overtone 6900 Exp.		
	Overtone 6900		
	Overtone 6200		
	Overtone 6500		
NEONATOLOGY			
Infant Incubators	BabyGuard I-1125		
	BabyGuard I-1120		
	BabyGuard I-1107		
	BabyGuard I-1103		
	BabyGuard W-1145		
	BabyGuard W-1140		
Phototherapy Units	U-1131		
	U-1133		
Radiant Warmers	BabyGuard Y-1135		
DIAGNOSTICS			
ECG	1012Exp.		
	1012		
	1006		
	1003		
X-View LED	X-View 1510 LED		
	X-View 1520 LED		
	X-View 1530 LED		
	X-View 1540 LED		
Functional Beds	Classic Bed		
	Intensive Care Bed		
	Intensive Care Bed-02		
	Hospital Bed		



Vertrieb medizinischer Geräte GmbH

Couvenstr. 6, 40211 Düsseldorf, Germany Tel.

+49 (0)211 38838868

Fax +49 (0)211 38838697

www.dixion.de

info@dixion.de