



Happier Living Everyday

BPL Medical
Technologies

Committed Towards a Healthier Tomorrow

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Product Innovation **Awards** in Medical Devices



SOUTH ASIA
E-HEALTH
SUMMIT AWARD,
2014



FICCI HEALTHCARE
EXCELLENCE AWARDS,
2017



CIMS-UBM MEDICA
HEALTHCARE
EXCELLENCE AWARDS,
2015



IOTNEXT SUMMIT,
2015



HEALTHCARE
LEADERSHIP
AWARDS, 2015



INDIA HEALTH AND
WELLNESS SUMMIT,
2015



MT INDIA HEALTHCARE
AWARDS, 2015



BPL Medical Technologies
Awarded

Best Healthcare Brand 2019



FOREWORD

BPL Medical Technologies is a well-known Indian brand in medical devices industry with top of mind recall for its ECG products. The company has always been a front runner in introducing and indigenizing latest technological solutions in Cardiology products segment. Company is making rapid strides in initiating partnerships with manufacturers in developed markets to catapult itself from being primarily a Cardiology focused company to the one offering an entire gamut of products ranging from Cardiology and Critical Care, Woman and Child Care to Imaging. By heart we remain committed to local manufacturing and dedicated to offering value for money solutions in the segments we cater. The company plans to offer end to end solutions and touch your life to take care of your health.

Our persistent efforts to gift the world a healthy today and healthier tomorrow are backed by the recognition and respect we have earned from our customers through decades of dedicated service. On a mission to sustain and further enhance 'Happier Living Everyday', we will continue our pursuits to deliver the best.

A handwritten signature in black ink, appearing to read 'Sunil Khurana'.

Sunil Khurana
CEO & MD

1967

Launched single-channel ECG in collaboration with Fukuda Denshi Co., Ltd.



1975

Launched Defibrillators



1988

Micro processor based ECG launched



1997

Multi-channel ECG and portable ultrasound were launched



2002

The company came out with patient monitoring systems



2004

Gynecology products and Oxygen Concentrators were launched



INNOVATOR PAR EXCELLENCE

Since its inception, BPL has consistently met high quality standards driven by manufacturing prowess. The brand BPL stands for commitment towards making people's lives better, healthier and happier.

2006

Multi-Channel ECG and Central Nursing Station Software came into being



2011

Public access defibrillator was launched



2014

BPL-ALPINION Color Doppler systems were launched

Launched new technology patient monitors, mobile healthcare solution and online ECG learning course.



2015

Acquired Penlon, a U.K based manufacturer of Anaesthesia systems & Vaporizers. Partnered with Ambu-King systems for selling products in selected territories.



2016

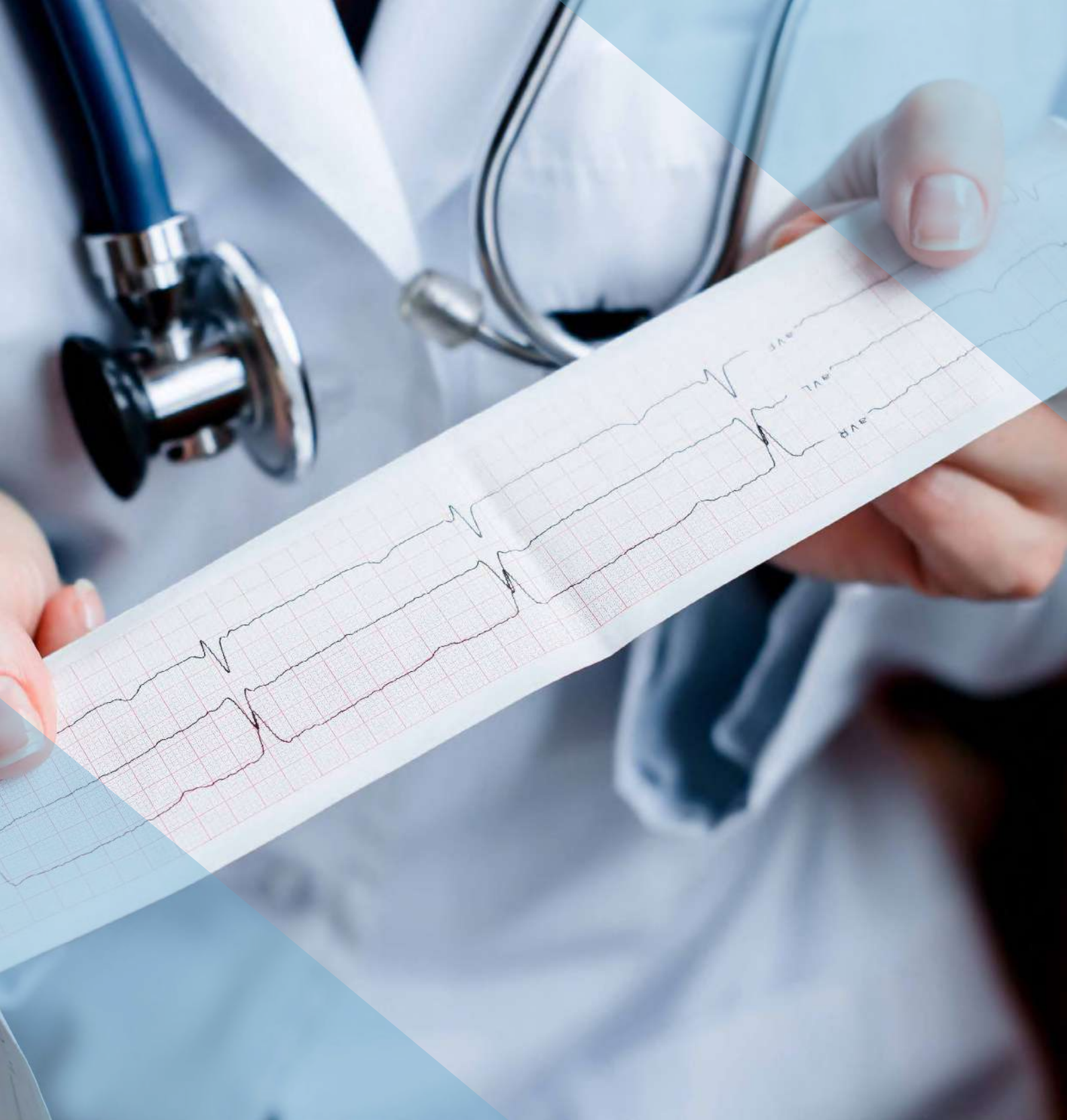
Developed a state of the art C-Arm and X-Ray product portfolio, defibrillator Relife900, multi channel ECG, patient monitors and a wide portfolio of homecare products



2017

Partnered with ATOM for an advanced range of Mother and Infant care solutions



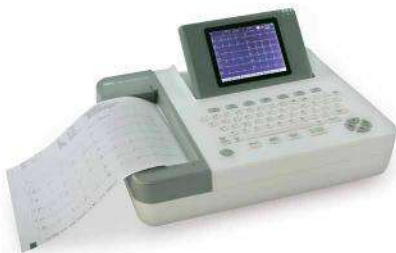


Cardiology



CARDIART 9108D

- Twelve Channel ECG Recording
- 7-inch High resolution color LCD with touch screen option
- Glasgow ECG Interpretation Algorithm
- Internal storage 800 ECGs and can be enlarged by USB & SD card
- Li-ion rechargeable battery – 300 ECG's
- Report formats: PDF and optional SCP/FDA-XML/DICOM data export
- Connectivity: FTP, Supports barcode scanner & USB Printer, optional Wi-Fi
- Optional PC interface software allows to access EMR/PACs/ GDT-based Systems (HL7 protocol)



CARDIART 9108

- Twelve Channel ECG Recording
- 5.7-inch foldable LCD screen
- Automatic Measurements and Interpretation
- Internal storage 800 ECGs and can be enlarged by USB
- Li-ion rechargeable battery – 300 ECG's
- Report formats: PDF and optional SCP/FDA-XML
- Connectivity: FTP, Supports barcode scanner & USB Printer
- Optional PC interface software allows to access EMR/ PACs/GDT-based Systems (HL7 protocol)



CARDIART 8108 View

- Six Channel ECG Recording
- 3.5-inch Monochrome LCD screen
- Full Alphanumeric keyboard
- Automatic Measurements and Interpretation
- Internal storage 800 ECGs and can be enlarged by USB
- Li-ion rechargeable battery – 300 ECG's
- Report formats: PDF and optional SCP/FDA-XML
- Connectivity: FTP, Supports barcode scanner & USB Printer
- Optional PC interface software



CARDIART 6208 view

- Three Channel ECG Recording
- 3.5-inch color LCD screen
- Automatic Measurements and Interpretation.
- Internal storage 500 ECGs and can be enlarged by USB
- Li-ion rechargeable battery – 330 ECG's
- Report formats: PDF and optional SCP/FDA-XML/DICOM
- Connectivity: FTP, Supports barcode scanner & USB Printer
- Optional PC interface software



CARDIART 7108

- Three Channel ECG Recording
- Automatic and Manual recording modes
- Parameter Measurement program
- Lead off Indication
- Internal rechargeable NiMH battery – 450 ECG's
- Last Memorized ECG recording
- Optional: Real-time ECG transfer to PC through USB

Powered by
Glasgow ECG Interpretation
Algorithm



CARDIART GenX3

- Three Channel ECG Recording with trace darkness control
- 4.3-inch color LCD screen
- Glasgow ECG Interpretation Algorithm
- Alphanumeric keypad with soft silicone keys
- Full disclosure view of ECG analysis on display
- Internal storage 250 ECGs and can be enlarged by USB
- Li-ion rechargeable battery – 250 ECG's
- Connectivity: supports USB Printer, optional FTP, Export selected record(s) in HL7 format
- Optional: Real-time ECG transfer to PC through USB

Powered by
Glasgow ECG Interpretation
Algorithm



CARDIART GenX1

- Single channel ECG recorder with 12 lead simultaneous acquisition
- Character LCD display
- One Touch Operation – Soft silicone keys
- Auto, Manual & Rhythm Modes
- Glasgow ECG Interpretation Algorithm
- Internal storage 20 ECGs
- Built-in rechargeable lithium battery – 200 ECG's
- Optional: Real-time ECG transfer to PC through USB



CARDIART 6108T

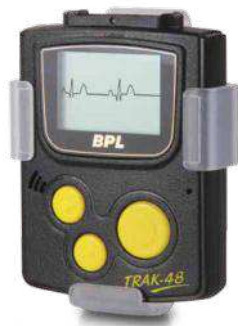
- Single channel ECG recorder
- Automatic and manual mode of recordings
- Parameter measurement program
- Printing of ECG on 50 mm paper using a high-resolution thermal print
- Last memorized ECG recording
- Internal rechargeable NiMH battery – 200 ECG's



CARDIART 108T-DIGI

- Single channel ECG recorder.
- Light-weight, compact, portability and one-touch operation ensure ease of use.
- Lead off Indication.
- Internal rechargeable NiMH battery – 2.5 hrs of operation.
- Rubber keypad with function keys and LED indicators.
- Real time high fidelity thermal array recording.

ECG HOLTER (AMBULATORY ECG)



TRAK - 48

- 3/12 Channel Digital Recording
- Recording Time: 24 hrs, 48 hrs, 96 hrs; optional 7 days
- LCD display - Provides on demand ECG view / confirms programming instructions / visual confirmation of patient hook up
- Recorder option with different sampling rate (128 -1024), High Fidelity, Research Grade Performance along with Pacemaker Detection
- Data Transfer: USB or Card Reader
- Compact and Lightweight
- Holter Software - Easy to Use and Understand



TRAC neo T1

- 12 Channel Digital Recording
- Recording Time: 24 hrs, 48 hrs, 72 hrs, 96 hrs or Continuous (till battery lost: upto 8 days)
- IP27 level of protection against water/Dust
- LED display with real time ECG View
- Selectable sampling rate in recorder itself: 128, 256, 512 or 1024 samples/second
- Selectable AD Resolution in recorder itself: 8, 12, 14, 16, or 18 bits
- Data Transfer: USB or Card Reader
- Compact and Lightweight – 50 gm
- Fast & Powerful analysis software

STRESS TEST SYSTEMS



DYNATRAC NEO / NEO BT

OPTIONAL: HES® HANNOVER ECG system for analysis and interpretation

- **DYNATRAC Neo:** USB-based ECG acquisition unit that acquires and transfers ECG data to PC through wired interface
- **DYNATRAC Neo BT:** Bluetooth enabled wireless ECG transmitter device that helps portability
- Advanced Windows-based stress test software enables accurate recording and motion artefacts reduction in stress ECG
- Treadmill protocols can either be preset or can be programmed by the user



DYNATRAC Ultra

WITH HES ALGORITHM

- Stress Test Automated Blood Pressure Monitoring:
- Sun Tech's TANGO acquisition unit – leading edge technology in accurate motion tolerant BP monitoring for STS
- HES® HANNOVER ECG system for analysis and interpretation
- Advanced Windows-based stress test software enables accurate recording and motion artefacts reduction in stress ECG
- Bluetooth Enabled Wireless ECG transmitter device that provides for the added advantage of portability and reduces motion artefacts
- Flexible treadmill protocols

DEFIBRILLATORS



RELIFE 900

- Bi-phasic defibrillator
- 7-inch color TFT Screen
- User selectable energy levels from 2J to 300J in Manual Defibrillation mode
- **Optional Enhancement:** AED, NIBP, MASIMO SPO2, Either Pacing or Capnography (CO2)
- Synchronized Cardioversion
- Remote energy selection and charging through Paddles
- 24 events recording
- Minimum 100 discharge of 300J with fully charged new battery



RELIFE 700

- Bi-phasic defibrillator
- 5.7-inch LCD Screen
- User selectable energy levels from 1J to 200J in Manual Defibrillation mode
- **Optional Enhancement:** AED, MASIMO SPO2, Pacing, Internal Paddles
- Synchronized Cardioversion
- Remote energy selection and charging through Paddles
- Minimum 130 discharge of 200J / 120 minutes of monitoring plus pacemaker with fully charged new battery



DF 2617

- Bi-phasic defibrillator
- 5.7-inch LCD Screen
- User selectable energy levels from 2J to 300J in Manual Defibrillation mode
- Optional AED Mode, which has voice prompt & Metronome Signal for CPR Support
- Synchronized Cardioversion
- Remote energy selection and charging through Paddles
- 24 events recording
- Minimum 100 discharge of 300J with fully charged new battery



DF 2509

- Monophasic defibrillator
- 5.7-inch LCD Screen
- User selectable energy levels from 2J to 360J
- Synchronized Cardioversion
- Less than 5 seconds to charge to 360J
- Remote charging from paddles
- 24 Events memory
- Minimum 100 discharge of 360J with fully charged new battery



DF 2628 Phoenix

- Automated External Defibrillator with Bi-phasic current limited waveform
- Automatically Analyses and Records the patient's ECG and prepares an electric shock
- Programmable CPR interval & Shock Sequence
- Audio and visual prompts
- Metronome signal for synchronizing chest compressions
- Automatic self-tests
- Upto 200 shocks applicable with new battery
- Programmable in regional languages



Critical Care & Surgery

PATIENT MONITORS



BPL ExcelSign E17 | E12

- ExcelSign E17: 17-inch display
ExcelSign E12: 12-inch display
- **Standard configuration:** ECG, RESP, SpO2 (MASIMO / Nellcor / Digital), NiBP, IBP, TEMP.
(optional 12-lead ECG)
- **Optional Modules:** Transport Monitor, IBP, ETCO2, AGM, BIS, CO, NMT, ICG
- **Enhanced Connectivity:** USB patient data output, supports external printer, HL7, FTP server upload, optional Medius+ central nursing station
- Efficient memory storage with Calculation Interface
- High performance Li-ion battery



Ultima Prime

- 12.1-inch High resolution display – optional Touch screen
- **Standard Configuration** - ECG, RESP, SPO2 (Masimo / Nellcor / Digital), NiBP, TEMP
- **Optional Parameters** - Dual IBP, ETCO2, AGM, ICG, Thermal Recorder
- **Optional Connectivity** - BPL Medius+ Central Nursing Station, HL7 output, VGA for external display
- The device calculates drug dose & OXY-CRG feature
- Efficient memory storage; option of dual Battery



Excello

- 10.4-inch High resolution display
- **Standard Configuration** - ECG, RESP, SPO2 (Masimo / Nellcor / Digital), NiBP, TEMP
- **Optional Parameters** - Dual IBP, ETCO2, AGM, ICG, Thermal Recorder
- **Optional Connectivity** - BPL Medius+ Central Nursing Station, HL7 output, VGA for external display
- The device calculates drug dose, OXY-CRG feature
- Efficient memory storage; option of dual Battery



NEONATAL
PATIENT
MONITOR

NeoSign N7

- 7-inch LCD screen
- Monitors and records ECG, SpO2 (MASIMO / Nellcor), SunTech® NiBP
- Detects and indicates occurrence of Arrhythmia
- Memory storage: 24 hrs of graphical and tabular NiBP trend with alarm condition
- Zoom option in graphical trend facilitates more accurate analysis
- The device offers user-selectable color scheme
- Optional BPL Medius+ Central Nursing Station



NEONATAL
PATIENT
MONITOR

NeoSign N8

- 8-inch High resolution display – Touch screen
- **Standard Configuration** - ECG, MASIMO SPO2, NiBP, RESP, TEMP
- **Optional Parameters:** Oxygen Concentration Monitoring Function, Apnea stimulation function
- **Enhanced Connectivity** - Optional BPL Medius+ Central Nursing Station, USB patient data output, External printer, HL7, FTP server upload
- Efficient memory storage (48 hrs Full disclosure)
- High performance Li-ion Battery



EliteView EV100

- 12.1-inch High resolution display - Touch screen
- Modular Cardiovascular monitor with powerful ECG diagnostic function - 12-lead ECG automatic measurement and interpretation; 122 kinds of arrhythmia analysis; CMRR: $\geq 105\text{dB}$, time constant: $\geq 5\text{S}$; VCG diagnostic apparatus
- Optional A4 (216mm) modular printer - synchronous printing of 12-lead ECG
- **Standard configuration:** 12 Lead ECG, RESP, SPO2 (MASIMO / Nellcor / Digital), NIBP and TEMP
- **Optional modules:** IBP, ETCO2, AGM, CO, ICG, BIS
- Efficient memory storage (150 hrs Full disclosure) with Calculation Interface
- High performance Li-ion battery



EliteView EV15

- 15-inch High resolution display – Touch screen
- **Standard Configuration** - ECG, RESP, SPO2 (Masimo / Nellcor), NiBP, TEMP. (optional 12-lead ECG)
- **Optional Parameters** - Dual IBP, ETCO2, AGM, Cardiac Output (Thermodilution) or ICG, BIS, Medius + central nursing station, Thermal Recorder
- **Enhanced Connectivity** - USB patient data output, Supports External printer, HL7, FTP server upload, VGA for external display
- Efficient memory storage (48 hrs Full disclosure) with Calculation Interface
- High performance Li-ion Battery



EliteView EV10

- 10.4-inch High resolution display – Touch screen
- **Standard Configuration** - ECG, RESP, SPO2 (Masimo / Nellcor / Digital), NiBP, TEMP. (optional 12-lead ECG)
- **Optional Parameters** - Dual IBP, ETCO2, Thermal Recorder
- **Enhanced Connectivity** - Optional BPL Medius+ Central Nursing Station, USB patient data output, External printer, HL7, FTP server upload, VGA for external display
- Efficient memory storage (48 hrs Full disclosure) with Calculation Interface
- High performance Li-ion Battery



EliteView EV8

- 8-inch High resolution display – Touch screen
- Standard Configuration - ECG, RESP, SPO2, NiBP, TEMP
- Enhanced Connectivity - Optional BPL Medius+ Central Nursing Station, USB patient data output, External printer, HL7, FTP server upload
- Efficient memory storage (48 hrs Full disclosure)
- High performance Li-ion Battery



Magna

- 7-inch LCD screen
- Monitors and records ECG, SpO2, NIBP
- Detects and indicates occurrence of arrhythmia
- Memory storage: 24 hrs of graphical and tabular NIBP trend with alarm condition
- Zoom option in graphical trend facilitates more accurate analysis
- The device offers user-selectable color scheme
- Optional BPL Medius+ Central Nursing Station

PULSE OXIMETER



Cleo Plus

- 7-inch TFT color LCD screen
- Parameter displayed: SpO₂, Plethysmograph, Signal strength and Pulse rate
- Trend of SpO₂ & Pulse rate for 24 Hours
- Pitch Tone Variation
- Rechargeable Battery
- Optional BPL Medius+ Central Nursing Station

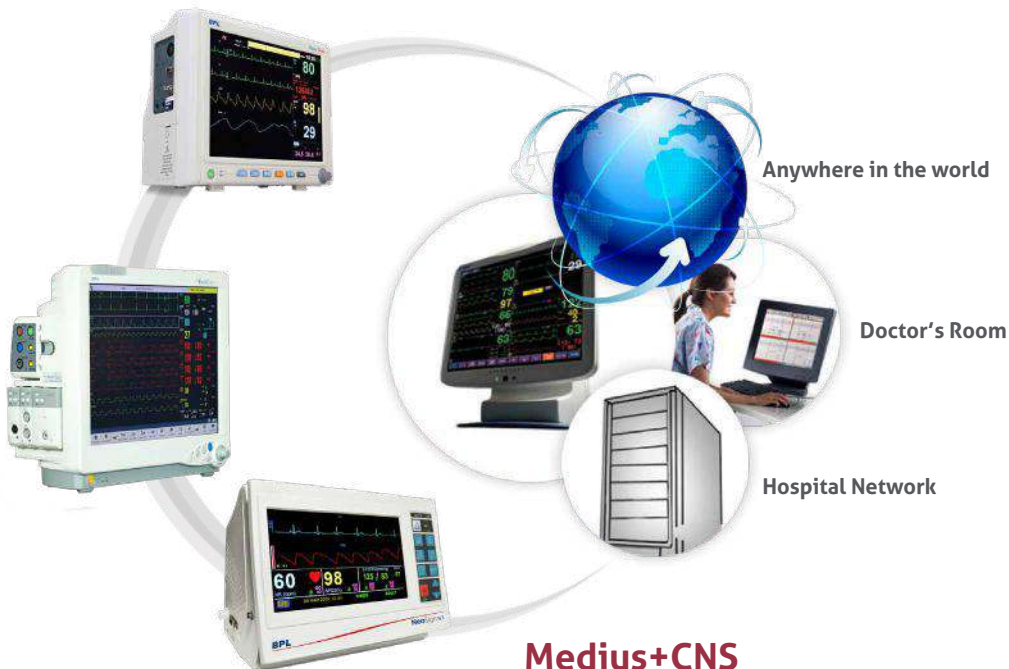


Oxy View | Oxy View N

- Monochrome LCD Screen and 7 segment LED for digital value
- Nellcor SPO₂ or Digital SPO₂
- Lithium battery with 3 hours of working time
- Built-in memory for 100 hours data storage
- Lightweight & compact

* Oxy View N : Nellcor SPO₂

CENTRAL NURSING STATION



Medius+CNS

- CNS Medius+ provides one touch access to patient demographics, alarm settings, reports printing and bedside view
- Ethernet interface (TCP/IP)
- 2-way communication
- Swapping of monitors w.r.t patients
- Freezing of patient's waveforms for detailed analysis
- Two distinct display modes (Horizontal Array/ vertical array)
- Event Marker
- Major monitor-continuous monitoring of a chosen critical patient
- Review of major monitor data on click of a button
- Selectable alarm limits



ICU VENTILATORS



UNIVERSAL VENTILATOR

ELISA 800VIT/ 600

- **ELISA 800VIT/600:** 18.5" large display helps in better monitoring of patients
- Trolley mounted premium class of ventilators suitable for Adult, Paediatric and Neonatal applications with highest quality of ventilation
- Capable of ventilating in both Invasive and non-invasive modes for adults and children with a weight of more than 2 Kgs
- Instant View Technology that gives the operator an intuitive grasp of the patient's situation
- Optional Upgradation to automatic cuff pressure management and transpulmonary pressure measurement & VIT (Ventilator Integrated Tomography)



ICU VENTILATOR

ELISA 500/ 300

- **ELISA 500:** 15.1" All touch screen
- **ELISA 300:** 12.1" All touch screen
- Adult, Paediatric & Infant ventilator
- Paramagnetic Oxygen and Maintenance free Flow sensor
- Advance modes with NIV (Non-Invasive Ventilation) and HFOT (High flow oxygen therapy)
- With curves and loops package including reference loops
- Weaning parameter and analyser
- PEEPfinder
- Inbuilt Turbine
- Upgradable to EtcO2 Monitoring, automatic cuff pressure management and transpulmonary pressure measurement

ANAESTHESIA WORKSTATIONS



E-Flo 6

- Two gas anesthesia workstation for adult and pediatric application with built-in ventilator
- Fully integrated breathing system with heater and bypass function
- 8.4" colour display with pressure, flow and volume waveforms
- Dual flow sensing technology
- Lithium battery up to 6 hours back up



E-Flo 6C

- Three gas anesthesia workstation for adult & pediatric application with built-in ventilator
- 8.4" colour display with pressure, flow and volume wave forms,
- Standard ventilation modes – VCV, PCV, Manual.
- Electronic PEEP
- Compact design with Two draws and writing tray
- Two station Vaporiser back bar with interlock



E-Flo 6D

- Three gas anesthesia workstation for adult, pediatric and neonatal application with built-in ventilator
- 8.4" colour display with pressure, flow and volume wave forms and spirometry LOOPS
- Standard ventilation modes - VCV, PCV, SIMV (V) + PS, SIMV (P) + PS, PSV with apnea back up, Manual . Optional PRVC
- ACGO Function
- Upgradable to SPO₂, CO₂ and Anesthesia Gas Module



E-Flo 7

- Electronic Flowmeter with Virtual flow display
- Large 10.1" colour display with pressure, flow, volume waveforms, spirometry LOOPS
- Standard ventilation modes - VCV, PCV, SIMV (V) + PS, SIMV (P) + PS, PSV with apnea back up, Manual . Optional PRVC
- Advanced proportional solenoid valve technology to realise accurate tidal volume delivery
- Upgradable to SPO₂, CO₂ and Anesthesia Gas module



DESIGNED & MANUFACTURED IN UK



Penlon

Global Leader in Anaesthesia & Operating Room solutions since 1943



Penlon Sigma Delta Vaporizer

- Internationally recognised, award-winning design
- Available for Sevoflurane, Isoflurane, Halothane and Enflurane
- Filling options - Key fill, Quik Fil®, or Pour fill
- Five backbar mounting systems
- Superb performance, particularly at low flow
- Low body weight



COMING
SOON

Sigma EVA

- Lightweight, attractive design
- Fast warm up time
- Compatible with Selectatec®, Dräger Plug-In® and Dräger Auto-Exclusion® mounting systems
- High capacity reservoir
- Illuminated agent level indicators
- Designed and manufactured in the UK



MRI compatible Penlon laryngoscopes available

Penlon Prima 451

- Approved for use with 1.5 and 3 tesla scanners, up to 1000 gauss line
- Electronic touch screen ventilator
- Six ventilation modes, and patient support for spontaneous breathing
- Designed specifically for use in an MRI environment
- Compact footprint, optimum manoeuvrability
- Fully compliant to ISO 80601-2-13 standard



Penlon Prima 465

- 12.1" TFT touchscreen display with electronic gas mixer and digital flowmeters
- Optional anaesthetic gas monitoring
- Eight Ventilation modes as standard
- GCX™ compatible aluminium uprights for additional accessory mounting
- Illuminated work space with pull-out writing surface



Penlon Prima 330e

- 12.1" TFT colour touchscreen with electronic gas mixer and digital flowmeters
- Eight Ventilation modes as standard
- Optional Masimo™ SpO₂ and multi-gas monitoring
- Integrated CO₂ absorber and bellows unit with ventilator interface
- Alternate O₂ control



Penlon Prima 460

- Cascade flow tubes with electronic flow display providing numeric representation of gas flow
- Selectatec® compatible backbar (two or three stations), with interlock on three station
- VCV, PCV, SIMV, PSV, SMMV, Manual/Spontaneous Ventilation modes
- A high performance absorber with a ventilator interface
- New top shelf with secure GCX™ mounting system for patient monitors



Penlon Prima 450

- Electronic flow display and conventional flowmeter options
- Six ventilation modes
- Integrated oxygen monitoring and spirometry
- Designed and manufactured in the UK
- 8.4" and 12" screen options with touch screen



Penlon Prima 440/445

- Portable anaesthetic machine for induction or operating rooms
- O₂, N₂O and AIR flowmeter with proven mechanical anti-hypoxic system
- Table-top or rail mounted option
- Intuitive design – easy to use and maintain
- Lightweight construction, with integrated carry handle



Penlon Prima 320

- 8.4" TFT colour touch screen
- Six Ventilation modes as standard
- Optional CO₂ and SpO₂ monitoring
- Switchable front facing common gas outlet for open and closed circuit operation
- GCX™ compatible aluminium uprights for additional accessory mounting



Penlon Prima 320 Advance

- 10.4" TFT colour touchscreen
- Eight ventilation modes
- Optional CO₂ and SpO₂ monitoring
- Integrated CO₂ absorber and bellows unit with ventilator interface
- Selectatec compatible back bar
- Switchable front facing common gas outlet



SOT

- Penlon has a comprehensive range of products for anaesthesia, intubation, patient monitoring, and suction and oxygen therapy.
- Penlon Oxygen Therapy Systems and Suction Control Systems are a comprehensive range of CE marked products for use in all hospital departments.
 - Flowmeters and accessories
 - Bubble Humidifier and Medical Gas Regulators
 - Suction Controllers
 - Injector Suction and Electric Suction
 - Accessories and Medical Rail System



Penlon Diamond Fibrelight Laryngoscope Range

- Excellent fibre optics and gold switch contacts - ability to withstand repeated autoclave treatment
- Five year guarantee on light guide, and lifetime guarantee* on all blades and handles
- Removable light guide design - extends blade life, and allows easier cleaning and polishing
- Superior polished finish - easy to clean and sterilise



Penlon Premier Fibrelight & Conventional Laryngoscope Range

- Cool, bright LED light - no risk of tissue burns from hot lamps during lengthy intubations
- Penlon laryngoscope sets provide the clinician with a complete intubation solution in an attractive, protective case
- Extensive range of blade pattern and sizes
 - Macintosh size 1, 2, 3 and 4
 - Miller size 0, 1, 2 and 3
 - Seward size 1 and 2
 - Robertshaw size 0 and



Penlon McCoy Laryngoscope Range

- The McCoy provides the clinician with greater flexibility and improved control in a wide selection of difficult intubation cases
- Available for Diamond ISO 'Green', Premier Fibrelight ISO 'Red' and Premier Conventional 'Hook-on' systems
- Unique, high quality levering tip
- Elevation of the epiglottis with less overall movement

SYRINGE & VOLUMETRIC PUMP



Acura S1

- Dual Display: 2.8-inch color LCD & LED for rate display
- Compatible with all standard syringes: 5ml – 60ml
- Infusion Modes: Rate Mode, Time Mode and Drug/Weight Mode
- In-built Drug Library
- Dual Bolus Modes: Manual & Automatic bolus
- 3 level occlusion sensitivities setting (programmable)
- 2000 history records and last configuration memory
- Horizontal & Vertical fixation clamp



Acura V1

- 3.2-inch High definition color display
- Infusion Modes: Rate Mode, Time Mode, Weight Mode, Stage Mode, Drip Rate Mode
- In-built Drug Library
- Dual Bolus Modes: Manual & Automatic bolus
- 3 level of occlusion pressure (programmable)
- Compatible with all brands of infusion sets with IV set library
- 2000 history records and last configuration memory
- Horizontal & Vertical fixation clamp

SURGICAL DIATHERMY



SurgiX - E2

- 300 watts - One Monopolar & One Bipolar
- Cut Modes: Soft Cut, Pure & Blend cut
- Coag Modes: Soft, Fulgurate & Spray Coag
- Bipolar Modes: Precise & Macro Mode
- Advanced Feedback Technology maintains set power over different range of tissue
- Smart Bipolar – Alarms after completion of Bipolar Coagulation



SurgiX – E3 Dual

- 400 watts, Two Monopolar & One Bipolar
- Cut Modes: Soft, Pure, Blend & Endo cut
- Coag Modes: Soft, Fulgurate & Spray Coag
- Bipolar Modes: Precise & Macro Mode
- Advanced Feedback Technology maintains set power over different range of tissue
- Smart Bipolar – Alarms after completion of Bipolar Coagulation



SurgiX - VS1

- 5.5-inch Touch Screen LCD
- Modes: Vessel Sealing System, Saline Plasma Bipolar Resection, High Performance Diathermy
- 400 watts, One Monopolar & One Bipolar
- Seven cut modes; seven coag modes; four bipolar modes
- Vessel Sealing: Two vessel sealing modes
- Saline plasma: Three modes both in cut & coag
- Personalized Setting – 99 programs
- Data storage of 50 surgical cases in memory



OXYGEN CONCENTRATOR



Oxy 5 Neo | Oxy 5 Neo Dual

- **Oxy 5 Neo:** Single outlet | **Oxy 5 Neo Dual:** Double outlet
- Flow range: 0.5 to 5L/min; 95.5% O₂ concentration
- Built-in nebulizer
- LCD Screen to view usage hours
- LED Lights for System Status, Audio alarm for power failure, Low Oxygen concentration, compressor failure, pressure cycle failure
- Timer Function for auto shut down
- Flame retardant thermo plastic molded cabinet for strength and durability
- Storage compartment to place accessories
- Portable, user-friendly, safe, quiet and reliable



Woman & Child Health

INCUBATORS & INFANT WARMERS



Dual Incu i

- Combined benefits of an incubator and a warmer with one button switch option
- Independent warmer head with X-ray tray outside which helps in minimal baby contact.
- An optional battery pack (in use during transport).
- Rotary dampers that aid silent operation of the admittance panel with air curtains.
- Noise levels less than 41dB (Lowest among all incubators).
- Servo humidifier and Servo oxygen control.
- Alarms for skin temperature probe, humidity sensor, low water level, set temperature, humidity chamber off, baby check, power failure, oxygen sensor.



Air Incu i

- Pressure dispersion mattress with air curtains on all sides.
- External X-ray cassette protects the infant from stress.
- 6 door access with joint less hood leading to infection control.
- Noise levels less than 41DB (Lowest among all incubators).
- A dual lock system ensuring child safety.
- Servo humidifier and Servo oxygen control.
- Alarms for skin temperature probe, humidity sensor, low water level, set temperature, humidity chamber off, baby check, power failure, oxygen sensor.



Incu i

- Rotary dampers that aid silent operation of the admittance panel with air curtains.
- Touch control LCD panel for intuitive operation.
- Double lock system preventing accidental opening of panels.
- External X-ray cassette protects the infant from stress.
- Alarms for skin temperature probe, humidity sensor, low water level, set temperature, humidity chamber off.



V-808 Transport Incubator

- Transport incubator with 3 power sources (AC, DC and battery) suitable for an ambulance.
- An additional head admittance panel for speedy withdrawal of the infant.
- Separable main unit with battery weighing only 34kgs.
- A double walled hood for minimizing radiant heat loss.
- A built-in pulse oximeter monitors SpO₂ and a Low resilience mattress which disperses infant's body pressure effectively.
- A 1500 lux fluorescent lamp aiding in observation and treatment.
- Alarms for high temperature, set point, power failure, system failure, oxygen concentration limit, skin and oxygen sensor.



Sunflower Warmer

- Ceramic heater with pre-heating.
- Rotary dampers and dual wheel castors reducing noise levels to <48db.
- Warmer head tilt (85° both sides).
- Pressure dispersion mattress with uniform heating.
- Available as a stand and wall-mount option.
- Height adjustment of bassinet.
- Alarms for baby check, power failure, system failure, skin temperature probe.



Infa Warmer

- Far infra-red heater operating in two modes-manual and servo. Canopy rotation-240° horizontally and $\pm 30^\circ$ tilt.
- A removable baby guard that can easily be wiped clean.
- Pressure dispersion mattress with uniform heating.
- Rotary dampers aid silent opening of baby guards.
- Alarms for baby check, power failure, system failure, skin temperature probe and canopy tilt.
- Touch control panel LCD for ease of use.

PHOTO THERAPY



Bili- Therapy Pad type

- 3 different levels of intensity with small & large sizes.
- The wavelength ranges from 430-490nm which is the recommended wavelength by AAP guidelines.
- The pad type can be used in a bassinet next to the mother's bed and also contains the treatment timer to aid.
- As the light source is blue LED, there is virtually no harmful radiation such as UV, or infrared which can increase water loss in neonates.



Bili- Therapy Spot type

- The BILI-THERAPY Spot Type makes use of the characteristics of blue light-emitting diodes (LEDs)
- Available in Arm, Stand & Mount types.
- Has one switch change to shift from therapy light to observation light.
- Varying intensities for different needs of the baby.
- The unit can be mounted on the F-Rail without using a stand for space-saving around the incubator or warmer.

SIRIO BABY 200

TRANSPORT VENTILATOR

- A transport Ventilator designed to provide ventilation for Children, new-borns and premature patients weighing less than 3 kgs.
- It comes with fully equipped ventilator modes like CPAP, IMV, PEEP, IPPV
- The device can be used in public transportation sector such as Aircrafts, Railways (operated by dedicated personnel), in Hospital wards and with medical equipment like Transport Baby Incubators.



LEONI PLUS

NEONATAL VENTILATOR

- Suitable for long term ventilation of small premature babies and infants, neonates and children weighing up to 30 Kg.
- Separate nCPAP and nIPPV modes for non-invasive breathing support for premature and infants
- Synchronized intermittent mandatory ventilation (SIMV) with supplementary pressure support for infants.
- High frequency Oscillatory ventilation, with time-controlled boosting of average pressure, and an adjustable I/E ratio.
- It works by setting a fixed tidal Volume (VT) that the ventilator will deliver at set intervals of time or when the patient initiates a breath with 10 sensitivity levels.
- Pressure support and volume-controlled ventilation
- Patient proximate leakage is managed with a compensated flow or a volume trigger and is calibrated with only 2 seconds of ventilation interruption
- Graphic display, graphic trend and log data of spontaneous breaths can be displayed simultaneously.
- A 12" colour display and a detachable touchscreen control unit.
- It consists of an Oxygen/ compressed air mixer (21 -100%) with an integrated oxygen monitor.



FOETAL DOPPLER



FD 9713N

- Handheld Fetal Doppler with LCD screen
- 2.5MHz waterproof Probe
- Assures accurate FHR detection with clear sound
- In-built rechargeable Li-ion battery
- In-built speaker and head-phone socket



FD 9714

- 2-inch color display
- 2.5MHz High Sensitivity Probe
- Dual Display Mode: FHR Curve display (Waveform) & Big Font mode
- Visual Alarm Indicator
- IP22 Ingress Protection
- In-built rechargeable Li-ion battery - Micro USB charger
- In-built speaker and head-phone socket

COLPOSCOPE



ColpoView C1

- High-resolution camera with fast auto focusing system
- Advanced Imaging Options
- LED lighting
- Acetic acid and iodine reaction test timer
- Electronic green filter
- User-friendly operations
- DICOM Compatible

FOETAL & MATERNAL MONITORS



FM 9852

- 7-inch High resolution color LCD with foldable screen
- Monitoring of FHR/Twin FHR (FM 9852T), TOCO, Fetal Movement
- High-sensitivity water-proof ultrasound probe
- Automatic Fetal Movement detection with Event Marker
- The device is compact, portable and lightweight
- Data storage facility, Li-ion Battery, 152mm Thermal printer



FM 9853 / FM 9854

- 12.1-inch High resolution color LCD with foldable screen
- Monitoring of FHR/Twin FHR (FM 9854), TOCO, Fetal Movement
- High-sensitivity water-proof ultrasound probe
- Automatic Fetal Movement detection with Event Marker
- The device is compact, portable and lightweight
- Data storage facility, Li-ion Battery, 152mm Thermal printer



MATERNAL MONITOR FM 9855

- 12.1-inch High resolution color LCD with foldable screen
- **Standard Configuration** - FHR Monitoring, TOCO, Fetal Movement, ECG, SpO2, NiBP, Respiration, Temperature
- High sensitivity water-proof ultrasound probe
- Automatic Fetal Movement detection with event marker
- The device is compact, portable and lightweight
- Data storage facility, Li-ion Battery, 152mm Thermal printer



PORTABLE ULTRASOUND Scan Plus+

- 12.1-inch TFT-LCD Portable Digital B&W Diagnostic Ultrasound
- Compact (330×220×320mm) and light weight (7 Kg), easy to hand carry
- Intuitive User Friendly Intelligent 8 Segment TGC for precise adjustment
- Multi format data transfer through USB and DICOM
- Supports Multiple Video printer
- Rechargeable Lithium Battery 14.8V 5000mAh
- Large Capacity Data storage
- Transducer: **Standard:** Convex, Transvaginal; **Optional:** Linear array, Micro-convex & Endorectal



Imaging



E-CUBE 15 Platinum[#]

- State of art Premium colour Doppler system for high definition images.
- A sophisticated user interface with user-friendly control panel.
- A 21.5" high-definition LED main monitor and a 10.4" LED touch screen defined for convenience.
- Powered by a 512 GB SSD memory, the processing speed is high with ultra-short booting time.
- Advanced Xspeed™ and Volume Advance™.
- Wide angle endovaginal transducer with FOV being Max 230°.
- Directional power Doppler imaging brings improvement in delivering information related to the blood flow and sensitivity of colour Doppler in relatively slow blood flow.



E-CUBE 12[#]

- A 21.5" high-definition LED main monitor with in-plane switching technology and a wider field of view.
- High sensitivity 10.4 touch screen defined for convenience.
- Diverse range of high performance transducer powered with Crystal Signature™ and PowerView™ technologies.
- The use of high-end hardware and an SSD enhances stability with a faster booting time.
- High density volume endocavity and volume convex transducer powered with Alpinion Volume Master™ and Volume Advance™ technologies.
- The E-CUBE 12 provides a user and patient-oriented design and workflow



E-CUBE 8 DIAMOND#

- Latest i7 processor with SSD for high frame rate images.
- Transducers powered with PowerView™ to dissipate heat for stable images.
- A 21.5" high-definition LED main monitor and a 10.4" LED touch screen defined for convenience.
- CUBE Strain™ and TDI available for advance cardiac applications
- Advanced user interface with power presets to reduce key strokes.
- High performance linear transducers and 230° FOV for endovaginal images.
- Articulating Arm
- Control panel height adjustment



E-CUBE 8/ CV/ LE#

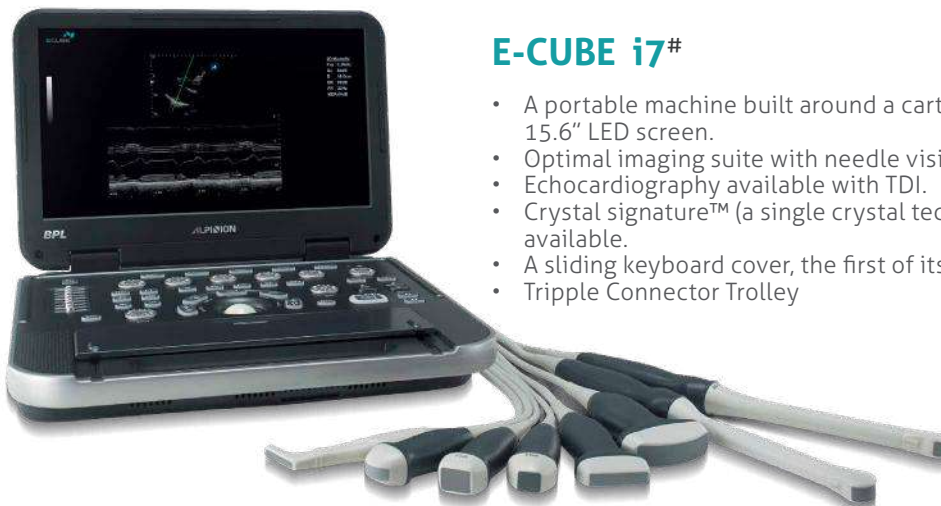
- Latest i7 processor with SSD for high frame rate images.
- Transducers powered with PowerView™ to dissipate heat for stable images.
- A 21.5" high-definition LED main monitor and a 10.4" LED touch screen defined for convenience.
- CUBE Strain™ and TDI available for advance cardiac applications
- Advanced user interface with power presets to reduce key strokes.
- High performance linear transducers and 230° FOV for endovaginal images.

* Touch Panel available in E-CUBE 8



E-CUBE 5#

- Combines simplified platform with compactness.
- 19.5" LED screen enhancing the diagnostic environment.
- Extremely low noise level.
- Optimal Imaging suite™ software (SCI, FTHI, FCI and SRI) and FleXcan™ platform creates optimized images for all applications.
- Xpeed™, one touch optimization for 2D, Colour and Doppler.
- General Imaging, Women's health and MSK applications.



E-CUBE i7#

- A portable machine built around a cart based system architecture with 15.6" LED screen.
- Optimal imaging suite with needle vision.
- Echocardiography available with TDI.
- Crystal signature™ (a single crystal technology) and high frequency probes available.
- A sliding keyboard cover, the first of its kind, reducing the stress on wrists.
- Tripple Connector Trolley

Surgical Imaging

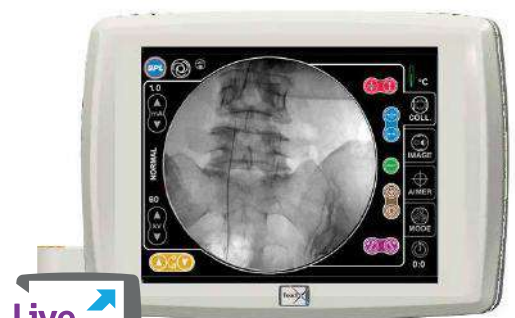


BPL C-RAY[®] Prime

World Class Surgical Imaging at Low Radiation Dosage

BPL C-RAY Prime Series

- 40 KHz and 3.5 / 5 KW Imported High Frequency X-Ray Generator for proven quality & reliability
- Stationary / Rotating Anode X-ray Tube Head with efficient Heat Management
- Reduced Leakage radiation thereby providing protection for the patient and the operator
- 10.1" Full Touch Colored Control Panel with tilting and rotation facility
- live Fluoroscopy display on Control panel
- Modular Workstation with dual foldable high-resolution monitors
- Self-Diagnostics to minimize the downtime
- Patient's dose display (Real time / Cumulative)
- Fully Counter-balanced "C" provides stability during intra-operative examinations



Live Fluoro
at Control panel

Powered By



Approved By



AERB

ISI

Image Memory Variants

X-MED **1K²** PC Memory
1K² Imaging Chain

MXDI PC Memory
0.5K² Imaging Chain



C-Ray Pro:

- 110 KHz Ultra High Frequency, 3.5KW X-ray Generator for high quality images & reduced skin dose
- Stationary Anode X-ray Tube head with real time heat monitoring
- 7" Full Touch control panel which is intuitive and user friendly
- Multiple operating Modes - Continuous / Snapshot/ Auto Boost Fluoro & Radiography modes
- Compact Workstation with 17" dual High-Resolution flicker free LED monitors
- Compact device provides perfect mobility with smaller footprint
- Superior Ergonomic design for an efficient operation
- Auto saving of images for hassle free operation



*Intuitive & User friendly
7" Full Touch Control Panel*

Image Memory Variant

MXSI Embedded Memory
0.5K² Imaging Chain

Powered By



Powered By:
GenX 3-6^F
Ultra High Frequency Generator

Fixed X-ray Solutions



BPL HRAD[®] 32

- 125KV, 400mA High Frequency Fixed X-Ray
- 50kHz High Frequency, 32KW output X-Ray Generator
- 216 Anatomical Programming feature for precise selection of KV & mAs based on patient's anatomy
- Compatible Tables: BPL Plano (horizontal bucky table); BPL Multio (5-position manual tilt table); BPL Floato (horizontal bucky table with floating top); BPL Moto (motorised table)
- Suitable for any clinical application and ideal for govt. hospital, medical institutions, corporate hospitals & diagnostic centers.

Approved By



BPL XRAD[®] 300

- 125KV, 300mA line frequency fixed X-Ray
- Alphanumeric LCD display with 4 X 20 characters for easy viewing
- Precise selection of KV (1KVp / Step)
- 155 anatomical programming features for precise selection of KV & mAs based on patient's anatomy
- Compatible tables: BPL Plano (horizontal Bucky table); BPL Multio (5-position manual tilt table); BPL Floato (horizontal Bucky table with floating top)

Approved By



BPL XRAD[®] 100

- Powered by an advanced user friendly operator console with soft touch control of all radiographic parameters
- Uses State-of-the-art Microcontroller to control various functions and features
- Equipped with an alphanumeric LCD Display
- X-Rad 100 has User Configurable Anatomical Programming
- 155 Anatomical Programs are present with pre-Set Keys for instant selection
- Self-Diagnostic Program
- X-Ray Counter with Password protection
- Memory to retain last selected factors
- 40 to 100 kVp in steps of 2 kVp only

Approved By



Note: All the Fixed X-ray machines are available with the DR variant also

Mobile X-ray Solutions



BPL MRAD[®] 3.5 DR

- 3.5 KW Output with a 40KHz high frequency X-ray generator
- Powered by Italian X-ray generators providing improved quality and reliability
- Wireless Flat Panel detector with a 12.3' Touch console provides clinicians access to high quality digital radiography images
- PACS connectivity using LAN/Wi-Fi aids in easy access and transfer of images
- 1.5mm² Focal spot for superior image quality and reduced radiation exposure for clinicians and patients
- User friendly control panel with an alphanumeric LCD display & 155 Anatomical programming
- Adjustable Collimator with high luminescence lamp for easier & faster positioning

Approved By



BPL MRAD[®] 3.6

- 100kHz ultra high frequency technology ensures that only useful dose is produced over the entire duration of the exposure while suppressing the skin dose.
- 3.5 kw output X-Ray generator.
- Stationary anode X-Ray tube with 1.5mm² smaller focal spot.
- Semi-Concealed cable design for hygienic advantages in hospital use.
- Ergonomically design product with easy maneuverability & more storage space

Approved By



BPL MRAD[®] 100

- 100KV, 100mA Line frequency mobile X-Ray
- Alphanumeric LCD display with 4 X 20 characters for easy viewing
- Precise selection of KV (2KVp / Step)
- 155 anatomical programming feature for precise selection of KV & mAs based on patient's anatomy
- Ergonomically design product with easy maneuverability & more storage space

Approved By



Digital Radiography & Fluoroscopy



BPL DT570

- Dynamic DR for Radiography & Fluoroscopy applications
- 50KW High Frequency Generator
- Fully Motorised system remotely controlled from console room
- ZERO Radiation to Operator
- Workstation with 24" medical Grade Monitor



BPL DP580

- UC Arm with Digital Flat Panel Detector (A-Si)
- 50KW High Frequency Generator
- Fully Motorised movements with Variable SID
- Anti-collision system makes the patient positioning quick, easy and safe
- Workstation with High brightness 24" LCD Monitor



BPL EVS Series

- Excellent Image Quality using Direct Deposited CsI
- Lossless AED for patient dose reduction
- TRUEVIEW ART increases Spatial Resolution by 30%
- UI Software with Image Stitching facility and DICOM Output
- Wireless detector: 14x17" (Battery Powered)
- Wired detector: 17"x17"
- Workstation with High Brightness 24" LCD Monitor (Optional)



Home care



BP MONITORS



NEBULIZERS



**CONTACT/ NON-CONTACT
THERMOMETERS**



CPAP/ BiPAP



**CPAP/ BiPAP
Accessories**



AIR PURIFIERS



FOETAL DOPPLER



ORTHO CARE



PULSE OXIMETERS



**ANEROID
SPHYGMOMANOMETER**



WEIGHING SCALE



HEATING PAD

BPL SmartUpKeep®

We Engineer Uptime



Always Close to you

- One of the largest authorized sales and service networks in India
- More than 250 Service Engineers available across India



Dedicated Service Helpline

- Skilled Executives to clearly understand customers' queries & needs
- Committed & Customer-Centric team



Customer-Centricity

- Quick response to customer query and needs
- Continuous improvement through MIS for Response, Span, Central Workshop support, Call Closure...



Efficient & Skilled Team

- Continuous Skill enhancement
- Regular Service Training - India & Abroad
 - New Product Introduction Training



Low Life Cycle Costs

- High-quality products that incur the least maintenance cost
- More than 95% machine uptime ensures optimum output from your equipment



Dedicated Service Helpline

- Complete range of Accessories & Upgrades to improve the utility of your Equipment
- Maintenance Contract offerings as per Customer needs
- Timely Preventive maintenance service to maximize your Equipment Uptime

BPL SmartUpKeep®

Contracts

BPL Smart UpKeep Contracts ensures High Equipment Uptime which helps you in delivering seamless patient care.

BPL SmartUpKeep®-Pro

BPL SmartUpKeep®-Prime

BPL SmartUpKeep®-Excel



BPL
**HOSPITAL CONSUMABLES
& ACCESSORIES**



VIDEO LARYNGOSCOPE



BLOOD WARMER



ONE GLOVES



RECORDING PAPER



**GEL AND DISPOSABLE
ELECTRODES**



PROBES



**EXTENSION
CABLES**



PATIENT CABLES



**RESPIRATORY
ACCESSORIES**



NIBP CUFFS



**ELECTRODES AND
RUBBER BULBS**

Software



Medius + CNS Software



Smart ECG Viewer Software



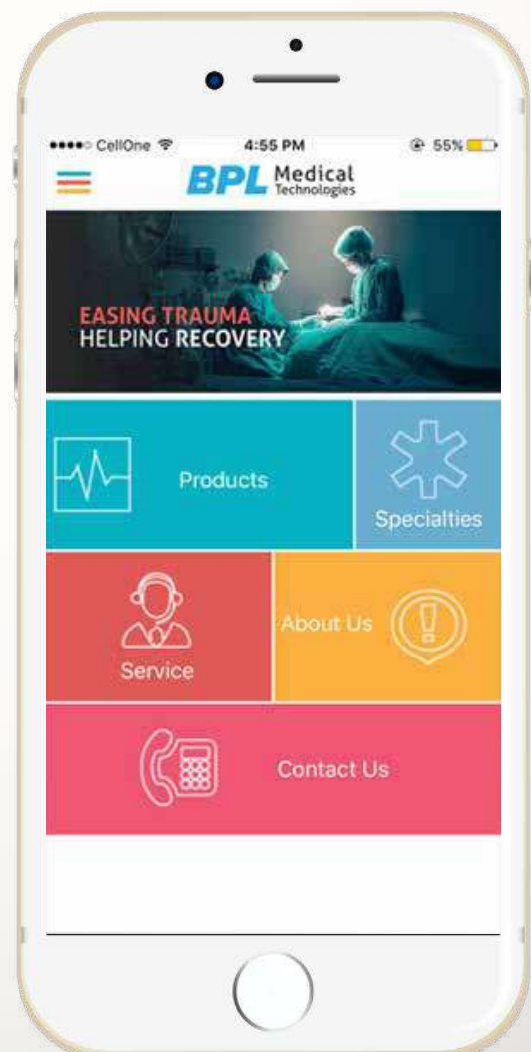
Holter Software



Dynatrac Neo Software

BPL MedTech App is live

All the product catalogues
are now bundled into your
smartphone/ tablet.



BPL M-HEALTH SOLUTION



Product Innovation Awards in
Medical Devices
2014-17



Real Time monitoring of your Blood Pressure, SPO2, Respiratory rate and Weight with the BPL Be Well mobile app.



A compact mobile healthcare device, allows users to monitor their ECG, blood glucose, heart rate and track their daily activity



- A self-use, hand-held & light-weight mobile healthcare device
- Records 12 lead ECG without patient cables & gel
- Blood Glucose levels & Activity Monitoring
- Specialist Consultation on your Phone/Tablet
- Secured cloud based personal health record storage



Count your
blood glucose instantly



On the Move..



On the Track

Other Variant Available

BPL LifePhone Plus® which includes ECG and Activity parameters



Always closer
to You

HEAD OFFICE

BPL Medical Technologies Private Limited
11th KM, Bannerghatta Road,
Arakere, Bangalore - 560076
Ph: +91 80 26484388/ 2648 4350
Toll Free: 1800-4252355
Website: www.bplmedicaltechnologies.com
For Enquiries: sales.medical@bpl.in

1800-425-2355

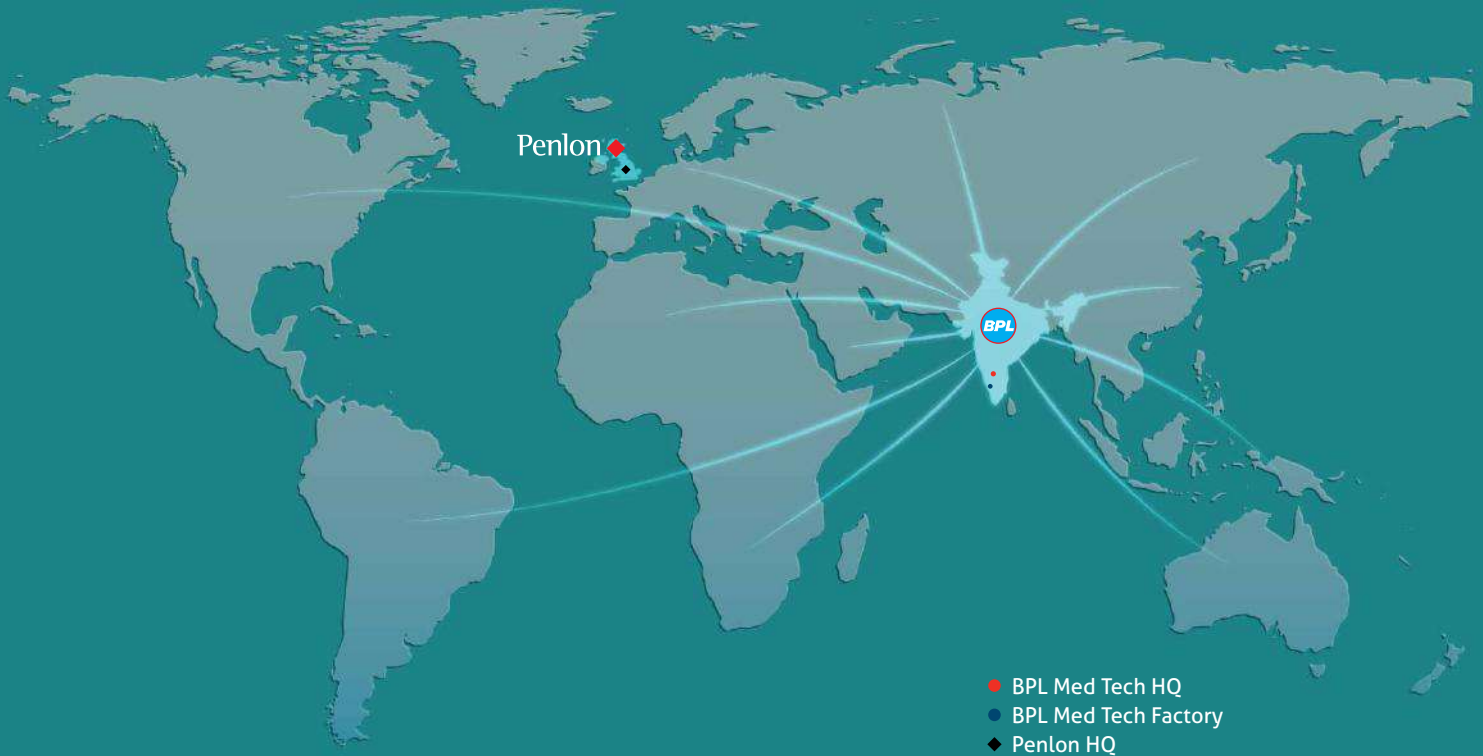
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SALES OFFICES

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BPL MEDICAL TECHNOLOGIES PRIVATE LIMITED

Regd. Office: 11th KM, Bannerghatta Road,
Arakere, Bangalore - 560076, India.

Ph: +91 80 26484388/ 2648 4350

Toll Free: 1800-4252355

Website: www.bplmedicaltechnologies.com

For Enquiries: sales.medical@bpl.in

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