



LUMBINI HEALTHCARE PVT. LTD.

ALL PRODUCT CATALOGUE — 2026



Committed Towards a Healthier Nepal

Happier Living Everyday

2011	Kathmandu	10+	15+	Quality
Founded	Headquarters	Segments	Partners	Assured



About Us

Who We Are

Lumbini Healthcare Pvt. Ltd. is a leading healthcare supplier in Nepal founded in 2011 AD in Hospital Line, Butwal. Today we have grown to become Nepal's largest medical supplying company, offering healthcare solutions across ten segments.

Our Offering

We provide medical devices and furniture in Radiology, Cardiology, Critical Care & Surgery, Child Care, Laboratory, Hospital Furniture, OT Tables & Lights, Home Care, Consumables & Accessories — ensuring providers access to the latest innovative technologies.



Our Commitment

Trusted by government and private sector clients alike, we follow global quality standards. Headquartered in Baluwatar-4, Kathmandu with a branch in Hospital Line, Butwal, we deliver world-class medical devices with outstanding after-sales support.

MISSION	VISION	VALUES
To serve Nepal's healthcare sector through supply and servicing of high-quality medical products in a fast, reliable and trusted manner.	"The most preferred and trusted supplier company in Nepal for healthcare products and equipment."	• Quality Products • Customer-Oriented Service • Mutual Trust • High Moral Ethics • Innovation-Driven



Chairman's Statement



"As Chairman of the organization in the Medical Industry in Nepal, I am committed to advancing healthcare standards and accessibility across our nation. Our focus remains steadfast on fostering innovation, enhancing medical infrastructure, and promoting collaboration among healthcare stakeholders. Together, we strive to ensure that every Nepali citizen has access to quality healthcare services, contributing to the well-being and prosperity of our society."

Posta Raj Gyawali
Chairman, Lumbini Healthcare Pvt. Ltd.

Our Journey

2011	Lumbini Healthcare established
2012	Capital Engineers Technomed India Natures Global
2013	GE Healthcare
2014	BPL Medical Technologies
2018	United Imaging
2022	Maccura Coin / Hunan / Dasky/Rijuven
2024	Judcare & Heyer
2025	Anke
2026	Wantai-Bio Pharma



01 | CARDIOLOGY

BPL Medical Technologies has been pioneering cardiac care since 1967. Lumbini Healthcare brings the full BPL cardiology portfolio to Nepal — ECG machines, defibrillators, stress test systems, Holters and ambulatory BP monitors.

ECG MACHINES — CARDIART SERIES



CARDIART 8108 View

- Six Channel ECG Recording
- 3.5-inch Monochrome LCD with full alphanumeric keyboard
- Automatic Measurements and Interpretation
- Internal storage 800 ECGs; expandable via USB
- Li-ion battery — 300 ECG's; Report formats: PDF, SCP/FDA-XML
- Connectivity: FTP, barcode scanner, USB Printer



CARDIART 9108D

- 12-Channel ECG Recording with simultaneous 10-lead acquisition for comprehensive cardiac assessment
- 7-inch High-Resolution Screen for clear real-time ECG data and patient demographics
- Glasgow ECG Interpretation Algorithm — considers gender, age and race for precise diagnosis
- QWERTY Alphanumeric Keyboard with user-friendly, ease-of-operation design
- Internal memory stores up to 800 ECG recordings; external USB and SD card archiving supported
- Versatile Connectivity: standard PDF, XML and DICOM formats; optional PC interface for HIS/EMR/PACS
- Rechargeable Li-ion battery — 4 hours operation or 300 continuous ECG prints
- Built-in Pacemaker Detection to accurately recognise pacing signal artifacts during monitoring

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
- Internal storage 250 ECGs; Li-ion battery — 250 ECG's
- Optional PC interface: real-time ECG View, HL7, FTP

Powered by Glasgow ECG Interpretation Algorithm



Cardiart GenX12 / GenX12i

- Twelve Channel ECG Recording with unique Trace Darkness Control
- Large 8"/9" Color TFT Screen with optional touch interface
- Glasgow ECG Interpretation Algorithm for advanced clinical analysis
- QWERTY Keypad with soft silicone keys and one-touch functions
- Internal storage up to 800 ECGs; Li-ion battery — 250 ECGs
- Seamless Connectivity: PDF, HL7, and FTP data export

Powered by Glasgow ECG Interpretation Algorithm

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Autonomic & Orthostatic Testing System



AFT-800

- Rapid Diagnostics: Complete testing suite in just 20 minutes.
- Clinical Scope: Non-invasive screening for Cardiac Autonomic Neuropathy (CAN), Diabetic Neuropathy, Syncope, POTS, and silent ischemia.
- Actionable Reporting: Generates immediate, easy-to-read interpretive reports with detailed clinical graphs.
- Device Specs:
- Weight/Size: 53 kg | 550 x 700 x 1400 mm
- Power: 220V AC, 60Hz
- Monitoring: 3-channel ECG (30–200 bpm) & NIBP (30–270 mmHg)

Smart Wellness & Fitness Assessment



Max Pulse

- Overview: A rapid, 1-minute non-invasive test designed for wellness, cardiovascular screening, and stress assessment.
- Core Capabilities:
- ANS & Stress: Performs Heart Rate Variability (HRV) analysis to evaluate the balance between sympathetic and parasympathetic nervous systems.
- Vascular Assessment: Analyzes arterial elasticity (small, large, and peripheral), vascular age, and arteriosclerosis progression.
- Clinical Applications:
- General Physicians: Early identification of cardiovascular risk.
- Psychologists: Real-time stress level monitoring and support for panic/depression management.
- Diabetologists: Detecting vascular stiffening and long-term complication monitoring.
- Nephrologists: Managing cardiovascular risk in CKD, dialysis, and post-transplant patients.
- Technical Specifications:
- Method: PPG R-R Interval signal detection.
- Heart Rate Range: 30–200 bpm (± 2 bpm).
- Size & Weight: 150 x 130 x 35 mm | ~650g.

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Cardiovascular & Autonomic Health Analyzer



SA-3000P

- Overview: A high-precision, 1-minute non-invasive diagnostic system for comprehensive autonomic and vascular analysis.
- Core Capabilities:
- HRV Analysis: Measures Heart Rate Variability (SDNN, RMSSD, LF/HF Ratio) to assess ANS function.
- ANS Assessment: Monitors SNS/PNS balance, stress resilience, fatigue levels, and electro-cardiac stability.
- Vascular Analysis: Uses Accelerated Plethysmography (APG) to detect arterial/peripheral elasticity and vascular aging (arteriosclerosis progression).
- Clinical Insights: Provides early screening for cardiovascular risks and autonomic dysfunction.
- Technical Specifications:
- Display: 12.1" Color TFT LCD (1024 x 768 pixels).
- Dimensions: 450 x 350 x 138 mm.
- Weight: Approx. 7 kg.

Digital Infrared Medical Thermography System



IRIS-XP

- Overview: An FDA-cleared, non-invasive, and radiation-free imaging system for medical thermography.
- Key Capabilities:
- High-sensitivity thermal imaging (<50mk) with up to 640x480 resolution.
- AI-assisted diagnosis and real-time IR image recording.
- Integrated with 19 color modes and PACS networking systems.
- Clinical Applications:
- Orthopedics/Pain: Identifies inflammation, chronic pain, and disc herniation (HNP/HCD).
- Oncology: Screens for malignancy via breast surface temperature/metabolic activity.
- General/Specialized Care: Assists in diabetic complication screening, dermatological vascular monitoring, and pelvic inflammation assessment.
- Specifications:
- Power: 100–220V AC, 50/60Hz, 250W.
- Spectral Range: 8–14 Microns.

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Thermal Balloon Endometrial Ablation System



CAVATERM

- Overview: A minimally invasive, single-use system designed for the permanent treatment of Dysfunctional Uterine Bleeding.
- Procedure: Utilizes a balloon catheter to deliver circulating heat and adjustable pressure inside the uterine cavity for 10 minutes, uniformly coagulating the endometrium and underlying myometrium.
- Efficacy: Proven track record with >90% patient satisfaction rates maintained over time.
- Indication: Premenopausal women with heavy menstrual bleeding due to benign causes who have completed childbearing.
- Key Constraints: Not indicated for patients desiring future pregnancy, those with active infections, or women with uterine cavity lengths < 4 cm or > 10 cm.

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DEFIBRILLATORS

RELIFE 900

- Bi-Phasic Defibrillator; 7-inch color TFT Screen
- Energy levels 2J–300J; Synchronized Cardioversion
- Optional: AED, SunTech NIBP, MASIMO SPO₂, Pacing/ETCO₂
- Remote energy selection via Paddles
- 24 events recording; Min. 100 discharges at 300J



STRESS TEST SYSTEMS



DYNATRAC Ultra

- Advanced Windows-based stress test software — accurate recording, motion artefact reduction
- Treadmill protocols preset or user-programmable
- USB-based ECG acquisition unit; wired interface to PC
- Optional: HES® HANNOVER ECG system for analysis and interpretation
- Optional: SunTech TANGO automated BP monitoring for STS

ECG HOLTER



TRAC neo T1

- 3/12 Channel Digital Recording
- Color display with IP27 water/dust protection
- AAA battery: 3CH up to 4 days / 12CH up to 2 days
- Li-Fe battery: 3CH up to 7 days / 12CH up to 4 days
- Selectable sampling rate: 128–1024 samples/sec
- Weight: 50 gm; Fast & Powerful analysis software

02 | CRITICAL CARE & SURGERY

From patient monitors and ICU ventilators to anaesthesia workstations, video laryngoscopes and surgical diathermy — Lumbini Healthcare supplies BPL's complete critical care portfolio to hospitals across Nepal.

PATIENT MONITORS



Vivid Vue 12 / 12i ★ Featured (5,6,7 Parameter)

- 12.1" High-Resolution TFT Display with optional touchscreen interface
- Standard: ECG, SpO₂, NiBP, RESP, TEMP — comprehensive vital sign monitoring
- Advanced Options: 12-lead ECG, Dual IBP, EtCO₂, Anaesthesia Gas Monitoring
- HL7 connectivity for HIS/EHR integration; USB for easy data export
- High-performance Li-ion battery — up to 3.5 hours continuous backup
- Night Mode & Standby for patient comfort and power saving
- Central Nursing Station Ready: compatible with BPL Medius+ for remote monitoring



CENTRAL NURSING STATION

Medius+CNS

- One-touch access: patient demographics, alarms, reports, bedside view
- Ethernet (TCP/IP); 2-way communication
- Swapping of monitors w.r.t. patients
- Freezing of waveforms for detailed analysis
- Horizontal / Vertical Array display modes
- Event Marker; Major monitor for critical patient
- Selectable alarm limits

Medius+ PRO — Remote Monitoring

- BPL Eagle software on Windows PC — real-time ICU monitoring
- Access multiple CNS systems of different ICUs from anywhere
- Especially useful in isolation (COVID-19) scenarios
- Enables specialist consultation from remote hospitals

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VENTILATOR SYSTEM - Heyer Medical, Germany



VT8000 — Adult to Neonatal ICU Ventilator

- All-in-One ICU Solution: suitable for Adult, Pediatric, and Neonatal patients
- 15.6" High-Sensitivity Touchscreen with multi-angle adjustable view
- Comprehensive Ventilation Modes including HFNC, CPRV, and specialised Neonatal modes
- Minimum Tidal Volume of 2 ml with proximal flow sensor for extreme precision
- Advanced Lung Protection Kit: P/V Maneuver and Lung Recruitment tools
- Intuitive "No Hidden Menu" UI for fast, error-free clinical operation
- Integrated Weaning Tools: SBT, NIF, RSBI for clinical decision-making
- Flexible Monitoring Modules: SpO₂, CO₂, and Transpulmonary Pressure (Ptp)



VS500S — Premature, Neonatal & Pediatric Ventilator

- Specialised Non-Invasive Care for premature infants, neonates, and pediatric patients
- 10.4" High-Sensitivity Touchscreen with "No Hidden Menu" interface
- Comprehensive Modes: NCPAP, NIPPV, SNIPPV, and HFNC
- Apnea Backup Ventilation with dedicated abdominal breathing sensor
- Real-time monitoring: 3 waveforms (SpO₂, Flow, Pressure) and 3 loops
- Oxygen Saturation Index (OSI) for continuous bedside monitoring of lung injury
- Integrated Perfusion Index (PI) to predict illness severity non-invasively
- Compact & Mobile Design with internal battery for easy in-hospital transport

VS600S — Neonatal ICU Ventilator

- Application: Designed for invasive and non-invasive respiratory support for premature infants, neonates, and pediatric patients in NICU, PICU, and delivery room settings.
- Interface: Features a 10.4-inch sensitive capacitive touchscreen with an intuitive, user-friendly design and no hidden menus.
- Safety Technology: Incorporates Volume Guarantee (VG/VL) modes and a proximal fine flow sensor to reduce the risk of lung trauma; includes an abdominal sensor to detect apnea and trigger backup ventilation.
- Clinical Monitoring: Provides real-time data on 3 waveforms, SpO₂, Oxygen Saturation Index (OSI), and Perfusion Index (PI) to facilitate early diagnosis of ALI/ARDS.
- Ventilation Modes: Supports comprehensive treatment options, including CPR-assisted ventilation and High-flow nasal cannula (HFNC) therapy.



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ANAESTHESIA WORKSTATIONS — BPL E-Flo Series



E-Flo 6

- Two gas workstation — Adult & Pediatric; built-in ventilator
- 8.4" Colour display with waveforms and LOOPS
- Modes: VCV, PCV, Manual; Dual flow sensing
- Lithium battery >4 hours



E-Flo 6C

- Three gas workstation — Adult & Pediatric; built-in ventilator
- 8.4" Colour display with waveforms and LOOPS
- Modes: VCV, PCV, SIMV+PS, PSV with apnea backup, Manual
- Electronic PEEP; Two station Vaporizer back bar with interlock



E-Flo 6D

- Three gas — Adult, Pediatric and Neonatal; built-in ventilator
- 8.4" display with waveforms and spirometry LOOPS
- Modes: VCV, PCV, SIMV+PS, PSV, PRVC, Manual, ACGO
- Upgradable to CO2 and Anaesthesia Gas Module



E-Flo 7

- Electronic Flowmeter with Virtual flow display
- 10.1" display with waveforms and spirometry LOOPS
- Modes: VCV, PCV, SIMV+PS, PSV, PRVC, Manual
- CO2 Bypass; Upgradable to CO2 and Anaesthesia Gas Module

ANAESTHESIA WORKSTATIONS — Penlon Series (Designed & Manufactured in UK)



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
- GCX compatible aluminium uprights



Penlon Prima 320 Advance ★ New

- 10.4" TFT colour touchscreen; Eight ventilation modes
- Suitable for Adult, Pediatric and Neonatal
- Dual flow sensors for accurate tidal volume delivery
- Optional CO2, SPO2 & Anaesthetic Gas Module
- Selectatec compatible back bar

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Penlon Prima 451 ★ MRI Compatible

- Approved for 1.5 and 3 tesla scanners, up to 1000 gauss
- Electronic touch screen ventilator; Six ventilation modes
- Designed specifically for MRI environment
- Compact footprint; ISO 80601-2-13 compliant



Penlon Prima 465

- 12.1" TFT touchscreen with electronic gas mixer
- Suitable for Adult, Pediatric and Neonatal
- Up to Eight ventilation modes; Dual flow sensors
- GCX compatible uprights; Illuminated work space

Penlon Prima 460 ★ New Launch

- 15.4" HD touchscreen with virtual flow display
- Integrated CO2 absorber with heater as standard
- Seven ventilation modes with PEEP
- HIS connectivity; ISO 80601-2-13 & RoHS compliant



Penlon Prima 440/445

- Portable anaesthetic machine for induction/OR
- O2, N2O and AIR flowmeter; anti-hypoxic system
- Table-top or rail mounted; Lightweight with carry handle



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VIDEO LARYNGOSCOPE



BPL VL-01

- 2MP CMOS camera, HD Anti Fog lens, integrated LED
- High resolution 4" anti-reflective LCD display
- Anti-microbial ergonomic reusable handle
- 180° Screen rotation; 4GB memory; 2 hr Li-ion battery
- Disposable blades — 7 sizes (Mac1–5, DI, Channelled)



BPL VL-02

- 2MP CMOS camera, HD Anti Fog lens
- High resolution 3.5" anti-reflective LCD display
- Anti-microbial ergonomic reusable handle
- 180° Screen rotation; 4GB memory; 2 hr Li-ion battery
- Reusable blades — 13 sizes (Miller 00–1, Mac 1–5, Mac D1–D5)



BPL VL-03 M7 (Monitor) with VL-03 SR & SD Stylets

- VL-03 M7: 7" LCD screen; compatible with all VL-03 stylets and laryngoscope blades
- VL-03 M7: 16GB memory; 2 hrs on single charge; HDMI output; USB data backup
- VL-03 SR: Malleable stylet, non-heating HD camera with LED; medical grade alloy
- VL-03 SD: Non-heating HD camera; bending radius 40°–150° for difficult intubation

SURGICAL DIATHERMY — SurgiX Series



SurgiX - E3 Dual

- 400 watts — 2 Monopolar & 1 Bipolar
- 4 Cut Modes: Soft, Pure, Blend & Endo (Max 400W)
- 3 Coag Modes: Soft, Fulgurate, Spray (Max 150W)
- 2 Bipolar Modes: Precise & Macro (Max 100W)
- Simultaneous dual coagulation; Smart Bipolar alarm
- Advanced Feedback Technology across tissue range



SurgiX - E2

- 300 watts — One Monopolar & One Bipolar
- 3 Monopolar Cut Modes: Soft Cut, Pure & Blend (Max 300W)
- 3 Monopolar Coag Modes: Soft, Fulgurate & Spray (Max 120W)
- 2 Bipolar Modes: Precise & Macro (Max 70W)
- Advanced Feedback Technology maintains set power across tissue range

SYRINGE & VOLUMETRIC PUMPS

Acura S1 — Syringe Pump

- 2.8-inch color LCD & LED rate display
- Compatible with all standard syringes: 5ml–60ml
- Modes: Rate, Time, Drug/Weight Mode; In-built Drug Library
- Dual Bolus: Manual & Automatic; 3-level occlusion sensitivity
- 2000 history records; Horizontal & Vertical fixation clamp



Acura V1 — Volumetric Pump

- 3.2-inch HD color display
- Modes: Rate, Time, Weight, Stage, Drip Rate
- In-built Drug Library; Dual Bolus: Manual & Automatic
- Compatible with all brands of infusion sets
- 2000 history records; Horizontal & Vertical fixation clamp



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03 | WOMAN & CHILD HEALTH

Lumbini Healthcare provides BPL's complete Woman & Child Health portfolio across Nepal — from foetal monitoring and neonatal care to phototherapy and portable ultrasound.

FOETAL DOPPLERS

FD 9714

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



FOETAL & MATERNAL MONITORS

FM 9853 / FM 9854

- 12.1-inch High resolution color LCD — foldable screen
- Monitoring: FHR/Twin FHR (FM 9854), TOCO, Fetal Movement
- High-sensitivity water-proof ultrasound probe
- Automatic Fetal Movement detection with Event Marker
- Li-ion Battery; 152mm Thermal printer



INCUBATORS & INFANT WARMERS — ATOM Medical Japan



Dual Incu i ★ Made in Japan

- Combined incubator + warmer — one button switch
- Independent warmer head with X-ray tray outside
- Optional battery pack for transport use
- Noise levels <41 dB — lowest among all incubators
- Servo humidifier and Servo oxygen control



Air Incu i ★ Made in Japan

- Pressure dispersion mattress with air curtains all sides
- External X-ray cassette protects infant from stress
- 6 door access with jointless hood — infection control
- Noise levels <41 dB; Dual lock system for child safety
- Servo humidifier and Servo oxygen control

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Sunflower Warmer ★ Made in Japan

- Ceramic heater with pre-heating; Rotary dampers & dual wheel castors (<48 dB)
- Warmer head tilt 85° both sides; Pressure dispersion mattress with uniform heating
- Available as stand and wall-mount option; Height adjustment of bassinet

PHOTOTHERAPY — BLOSSOM SERIES



Blossom 10 ★ Made in India

- Compact & affordable High Bright Blue LED phototherapy
- Meets AAP Guideline of Phototherapy
- NO UV / No Infrared rays; Low Power <15W
- 12 high bright blue LEDs; Device timer for LED usage



Blossom 100 ★ Made in India

- LED Phototherapy with Intensity control (15–70)
- Micro Watt Manual Intensity Control
- Analogue Timer for LED usage monitoring
- 24 High Bright Blue LEDs; 3 White LEDs for observation



Blossom Duo ★ Made in India

- Double Surface & High Intensity Phototherapy in one unit
- Dual arm covers entire body surface area
- Irradiance control 15–75 $\mu\text{W}/\text{cm}^2/\text{nm}$; 24 modular LEDs
- Equivalent to 2 phototherapy units in one body



Blossom Blanket ★ Made in India

- Portable fibre-optic phototherapy for neonatal jaundice
- Completely portable and maintenance-free
- Ideal for Kangaroo Care & parent-infant bonding
- Meets International phototherapy guidelines

We Also Supply Complete NICU Equipment

Lumbini Healthcare provides a full range of Neonatal Intensive Care Unit (NICU) equipment to hospitals across Nepal, including:

• Neonatal Cardiac Monitor •
Radiant Warmer

• Neonatal Incubator •
Phototherapy Units

• Full customisation available on request

04 | IMAGING

BPL's imaging portfolio — mobile DR, fixed X-ray, surgical C-arms and high-end ultrasound — available across Nepal through Lumbini Healthcare. All X-ray equipment approved by AERB & BIS.

MOBILE DR SOLUTIONS



BPL MRAD 5.0 DR ★ New

- 5 KW | 110KHz HF generator • 1.8mm² focal spot • 216 Anatomical programs • 14x17" Wireless FP detector • 12.3" Touch console • PACS via LAN/Wi-Fi • AERB & BIS Approved

FIXED DR & X-RAY SOLUTIONS

BPL HRAD 32/40/50 — DR-2 Prime

- 32/40/50 KW HF X-Ray; 40–125 KV; 400/500/650 mA
- 216 Anatomical programs; Self-Diagnostics
- Floor Mount Tube Stand with electromagnetic locking
- 4-way Floating Top DR Table; Vertical DR Bucky wall mount
- AERB & BIS Approved



BPL HRAD 32/40/50 — DR-1 Prime

- 32 / 40*/50** KW HF X-Ray Generator • 40–125 KV Range, 400/500*/650** mA
- Rotating Anode X-Ray Tube • 17"x17" CsI Tethered detector housed in cabinet
- Floor Mount DR-1 Prime Stand • Electromagnetic Locking Mechanism • Detector with tilting facility (0° - 90 °) • Anatomical Programming (216) & Self-Diagnostics (Error Indications) • Manual LED Collimator • Mobile Radiography Table • Desktop workstation with monitor (Optional) • 4-way floating top mobile table (Optional)



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BPL XRAD 300/500 — DR-1 Prime

- 24/40 KW LF X-Ray; 40–125 KV; 300/500 mA
- 17"x17" CsI Tethered detector; Floor Mount Stand
- Electromagnetic Locking; Detector tilt 0°–90°
- 216 Anatomical programs; Mobile Radiography Table
- AERB & BIS Approved



BPL XRAD 100 — DR-1 Prime

- 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
- Memory to retain last selected factors
- 40 to 100 kVp in steps of 2 kVp only

SURGICAL IMAGING — C-ARM SYSTEMS



C-Ray Pro Plus

- 110 KHz Ultra High Frequency, 3.5 KW X-ray Generator
- 7" Full Touch control panel — intuitive and user friendly
- Multiple Modes: Continuous / Snapshot / Boost Fluoro & Radiography
- Compact Workstation with 17" dual High-Resolution LED monitors
- Compact device with smaller footprint; Superior Ergonomic design
- DICOM 3.0 send, CD/DVD data export optional

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ULTRASOUND SOLUTIONS — ALPINION (Made in Korea)



X-CUBE 90 ★ New | Super Premium

- 23" Full HD LED Screen with IPS technology
- 12.1" tilting LED touch screen on Motorized Control Panel
- Silhouette Imaging; Advanced 3D/4D: Live HQ, Depth View, VOCAL
- CEUS (Contrast Enhancement); Shear Wave Elastography
- Digital Processing >1 Crore channels; 5 HD Transducer ports



X-CUBE 70 ★ New

- 23" Full HD LED monitor with IPS technology
- Single crystal & high-density wideband transducer
- Shear Wave Elastography, Microvascular Imaging, Silhouette
- X+ Architecture imaging platform
- 4 active + 1 parking transducer port



E-CUBE 12

- 21.5" HD LED + 10.4" touch screen (IPS)
- Crystal Signature™ and PowerView™ transducers
- Volume Master™ and Volume Advance™ technologies
- SSD for stability and faster booting



E-CUBE 8 DIAMOND

- i7 processor with SSD; 21.5" HD + 10.4" LED touch screen
- CUBE Strain™ and TDI for advanced cardiac applications
- High performance linear transducers; 230° FOV endovaginal
- Articulating Arm; Control panel height adjustment

E-CUBE 8 / 8 LE

- 21.5-inch Full HD LED Monitor with IPS technology for wider field of view
- High-End Hardware Platform from flagship models for superior resolution, contrast and uniformity
- Flagship SSD Technology integrated for faster booting and enhanced system stability
- PowerView™ Transducers designed to disperse heat and increase signal sensitivity
- Advanced 3D/4D Rendering with Live HQ™ and Volume Master™ for fetal anatomy
- Automated Clinical Tools: Auto NT for nuchal translucency; Auto IMT for carotid thickness
- Needle Vision™ Plus: beam steering for improved needle visibility during procedures
- Integrated Mobility Solution: built-in battery and compact design for Exam Mode portability



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ULTRASOUND SOLUTIONS — ALPINION (Made in Korea)

X-CUBE i8 ★

- 15.6 inch full HDLED monitor with IPS technology for clear high definition images
- 2 transducer ports extend your portability
- Upgraded X+ crystal signature transducer
- Premium imaging platform known for X+ Architecture
- Premium features like X+ Auto Biometry, X+ Auto Follicle and many more



★ We also offer the **Alpinion Minisono** — a **Tablet-Type Portable Ultrasound** designed for point-of-care use. Lightweight, wireless and powerful, the **Minisono** brings premium Alpinion imaging technology to the bedside, clinic, or field — contact us for details. ★

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X-RAY PRINTER — Dry Medical Imager



MDST-24 — High-Resolution Dry Imager

- High-Resolution Thermal Printing at 508 dpi spatial resolution for precise diagnostic imaging
- Multi-Modality Compatibility: suitable for X-ray, CT, MRI, and other digital imaging fields
- Dual-Channel Flexibility: two input cassettes and two output trays for diverse film sizes
- High-Speed Output: up to 90 sheets/hour (8×10") or 65 sheets/hour (14×17")
- Large LCD Display: real-time status updates, alerts and easy menu navigation
- Seamless DICOM Integration: standard Ethernet interface (10/100/1,000 Base-T) for hospital networks
- Fast Startup & Access: 3-minute ready time; first-sheet access as fast as 42 seconds
- Reliable dry imaging technology with 14-bit grayscale depth for superior image quality

X-Ray Film Sizes supported: 8×10", 10×12" & 14×17"

DR PANEL — Wireless Flat Panel Detector



EVS3643WP — Advanced IGZO Wireless DR Panel

- Advanced IGZO Panel Technology for 10× faster electron mobility and high-contrast imaging
- Outstanding Low Dose Performance: maintains clinical detail with 30% less X-ray exposure
- Rapid Image Acquisition with fast readout and zero image lag for efficient workflow
- Exceptional Image Quality: superior noise reduction for fine anatomical detail
- Versatile Charging Options via USB Type-C or high-speed magnetic tether connector
- Lightweight & Durable Design with IPX4 water resistance for reliable mobile use
- Long-Lasting Battery Life: approximately 630 images or 8 hours standby
- Seamless DICOM 3.0 Compliance for easy integration with PACS and film printers

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CT SCAN — 256 Slice CT Systems (ANKE Medical)

Anatom S800— Premium 256 Slice CT

- **Imaging Performance:** Features an 8cm wide-body "OptiWave" detector and an ultra-fast rotation speed of 0.256 seconds/360°.
- **Spectral & Reconstruction:** Built with a premium high-voltage generator and X-ray tube for routine spectral imaging; utilizes "Admir" iterative reconstruction for high spatial resolution at low radiation doses.
- **AI & Workflow:** Employs a "Full-Flow" AI platform for automated patient positioning (AccuPositioning), artifact suppression, and noise reduction ("Artist" algorithm).
- **Cardiac/CCTA Expertise:** Specialized suite for cardiac imaging, including AccuPitch (adaptive pitch), AccuGating (intelligent gating), and AccuTracking to manage complex rhythms or high heart rates.
- **Technical Note:** The specific X-ray tube heat capacity (7.5mHU).



CT SCAN — 128 Slice CT Systems (ANKE Medical)



Anatom Precision — 128-Slice CT

- **High-End 128-Slice Imaging** for routine to cardiac CT scans
- **Advanced Spectrum Imaging** for high-level diagnostic applications
- **Precision Platform:** high-heat capacity X-ray tube and high-power generator
- **OptiWave Detector:** ultra-low noise, high-speed sampling, zero image lag
- **Full-Stack Intelligent Workflow:** automated positioning to dose optimisation
- **Adose Intelligent Modulation** for personalised low-dose scanning
- **AccuCor Coronary Imaging:** advanced motion artifact suppression for cardiac views
- **Deep Learning Reconstruction (DLR)** powered by ANKE proprietary AI



Anatom P428 — 128-Slice CT

- **High-End 128-Slice Precision** for rapid, high-resolution clinical imaging
- **Precision Platform Hardware** with a 72 kW generator and high-heat capacity tube
- **OptiWave Detector** technology for ultra-low noise and high-speed sampling
- **Full-Stack AI Workflow:** intelligent patient positioning to automatic diagnosis
- **Deep Learning Reconstruction (DLR)** for superior image clarity at lower doses
- **Comprehensive Clinical Suite:** Cardiac CTA, Brain Perfusion, and Nodule Analysis
- **Adose Intelligent Modulation** for personalised, low-dose patient safety
- **72 cm Large Gantry Bore** designed for enhanced patient comfort and accessibility

CT SCAN — 32 Slice CT Systems (ANKE Medical)

Anatom C201- 32 Slice CT Scan

- **Imaging Architecture:** Features a true 32-row detector arrangement, enabling high-performance 32-slice imaging.
- **Key Specifications:**
- **Aperture:** 72cm wide-bore aperture opening.
- **Resolution:** 22.8 lp/cm spatial resolution.
- **Reconstruction:** 1024x1024 reconstruction matrix for high-detail visualization.
- **Operational Efficiency:** Utilizes "AccuSaving" technology to intelligently reduce power consumption in non-working states, lowering overall running costs.
- **Clinical Applications:** Comprehensive scanning capabilities including Head, Lung, Abdomen, Spine, and Joint imaging, supported by advanced CTA, VR, and segmentation analysis tools.



Note: Specifications provided here may not fully match the official datasheet; some parameters might be missing. For complete details and accurate technical information, please contact us directly via call or message.

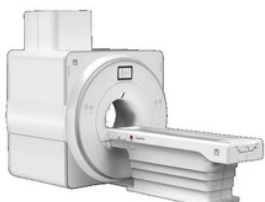


Anatom A200- 32 Slice CT Scan

- Overview: A CT imaging system focused on streamlining daily routine applications while maximizing business profitability.
- Operational Efficiency: Features "AccuSaving" technology that intelligently manages standby time and energy modes, reducing electricity costs by up to 30%.
- Cost Management: Designed to lower total cost of ownership across purchase, daily operation, and long-term maintenance.
- Workflow: Built for high-efficiency clinical throughput to support growing patient volumes.
- Service Support: Integrated with a global service platform, including 24-hour call center support, remote diagnosis, and preventive maintenance programs.



MRI SYSTEMS — 1.5T SuperMark Series (ANKE Medical)



SuperMark 1.5T / SuperMark 1.5T ART

- Short-Bore Magnet: 60 cm bore with 157 cm length for patient comfort
- Zero Boil-off Technology: zero liquid helium consumption for low running costs
- AI-Powered Imaging: 4th Gen platform with AI for fast, high-resolution scans
- A-Combi Coil System: integrated multi-coil technology — no need to swap coils
- Powerful Gradients: 35 mT/m strength with 136 mT/m/ms slew rate
- Space-Saving Design: ultra-compact footprint requires only 35 sq. metres
- Quiet Scanning: advanced noise reduction for better patient experience
- High Throughput: motorized table with 200 kg capacity for rapid patient flow



SuperMark 1.5T — Helium Free

- Helium-Free Magnet: zero liquid helium refills throughout entire life cycle
- SO-COOL Technology: advanced cooling reduces operational risks and helium dependency
- Short-Bore Design: 60 cm bore with 157 cm magnet length for patient comfort
- Deep Series Imaging: AI-powered chain for high-resolution images with faster scans
- Super.sense Technology: drastically increases throughput without sacrificing resolution
- Intelligent Workflow: one-click positioning and easy-to-operate platform
- Eco-Friendly & Compact: reduced power consumption; small footprint
- High-Performance Gradients: 35 mT/m strength and 136 mT/m/ms slew rate

**ALSO AVAILABLE — CT
SCAN**

ALSO AVAILABLE — MRI

**ALSO AVAILABLE —
IMAGING**

64-Slice CT Scan:

- Anatom 64 Clarity
- Anatom C210

Wide Bore 1.5T MRI:

- SuperMark 1.5T Wide Bore

Open MRI Systems:

- OPENMARK 5000
- OPENMARK 4000
- OPENMARK III

Floor Mounted DR System:

- ANKE Floor-Mounted Digital Radiography

Digital Mammography:

- ANKE Digital Mammography System

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05 | LABORATORY — CLIA Immunoassay Systems

LumbiniHealthcare supplies advanced Chemiluminescence Immunoassay (CLIA) analysers for hospital and reference laboratories across Nepal, delivering rapid, high-sensitivity results for a wide range of immunoassay panels.

CLIA IMMUNOASSAY ANALYSERS



i1000 — High-Throughput CLIA Analyser

- Magnetic microparticle-based Acridinium Ester (AE) direct chemiluminescence
- First result in 14 minutes; single-module throughput up to 180 tests/hour
- Multiple magnetic separation technology with patented field design — minimal bead loss
- Track-based precision sampling: liquid level, clot and aspiration failure detection
- Footprint <1 m²; 30 refrigerated reagent positions; 50 sample positions
- Automatic startup/shutdown; continuous reagent replacement and sample loading during runs
- STAT prioritisation for urgent cases; automatic rerun capabilities
- Carry-over rate <0.1 ppm for integrity of every test result

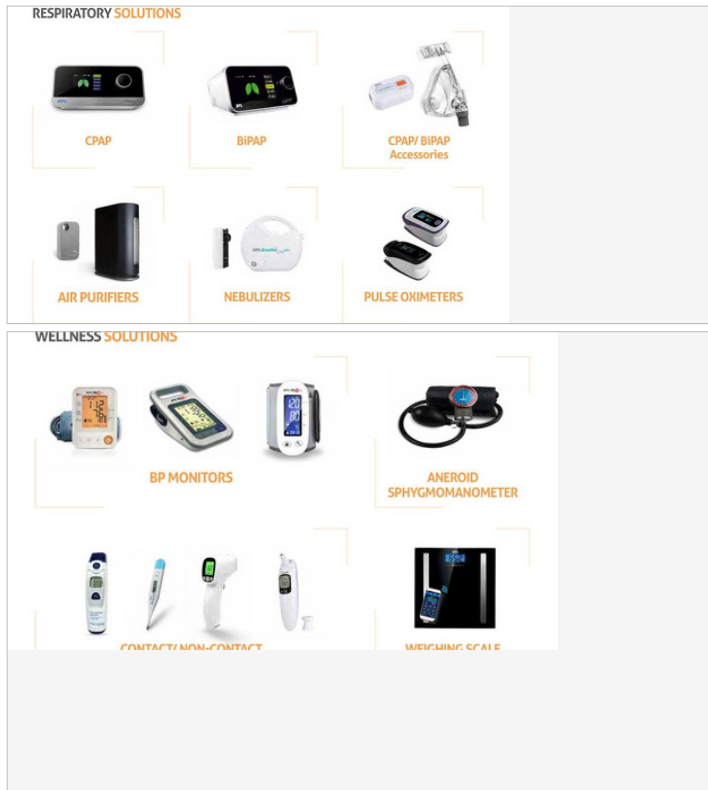


i800 — Compact CLIA Analyser

- Magnetic particle-based Acridinium Ester (AE) technology for high-sensitivity testing
- High throughput: up to 200 tests/hour in a single module
- First result in 14 minutes; 50-sample loading capacity with random STAT priority
- Compact footprint: only 0.52 m² — ideal for labs with limited space
- Foam, clot and liquid level detection; collision avoidance; volume tracking
- 20 refrigerated reagent positions (2–8°C) with RFID management and online replacement
- LCD touchscreen; automatic startup/shutdown; remote diagnosis system
- Supports automatic retesting for efficient laboratory management

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06 | HOME CARE



Respiratory Solutions

- CPAP — Continuous Positive Airway Pressure therapy devices
- BiPAP — Bi-level Positive Airway Pressure devices
- CPAP/BiPAP Accessories — masks, tubing, humidifiers
- Air Purifiers — multi-stage filtration for cleaner indoor air
- Nebulizers — BPL Breathe series mesh and jet nebulizers
- Pulse Oximeters — fingertip and handheld SpO2 monitors

Wellness & Pain Management

- BP Monitors — Upper arm & wrist digital blood pressure monitors
- Aneroid Sphygmomanometer — manual BP measurement
- Contact/Non-Contact Thermometers — forehead, ear and probe types
- Weighing Scales — personal digital and baby weighing scales
- TENS Machine — transcutaneous electrical nerve stimulation
- Heating Pad — moist and dry heat therapy pads
- Supports & Braces — Cervical Collar, Knee Cap, Knee Wrap, Ankle Binder, Arm Sling, Lumbar Support

HIV SELF URINE TEST- Easy,Painless, Fast and Accurate (WHO PQS Certified)

- Application: Rapid, one-site screening for HIV.
- Technology: Utilizes Lateral Flow Technology for accurate, non-invasive detection.
- Accuracy: Superior performance with >99% accuracy.
- Ease of Use:
- No special equipment required.
- Requires only 3 drops of urine in the cassette sample zone.
- Efficiency: Clear results available in 15 minutes (do not read results after 30 minutes).
- Convenience:
- All-in-one kit includes all necessary accessories.
- Room temperature storage with 24-month shelf-life.
- Private and painless testing method.





07 | HOSPITAL FURNITURE, OT TABLES & OT LIGHTS

LumbiniHealthcare supplies a comprehensive range of hospital furniture, operating theatre tables and surgical lighting systems — all customisable to meet specific hospital requirements.

HOSPITAL FURNITURE	OT TABLES	OT LIGHTS
We supply a full range of hospital furniture including: • Patient Beds (Manual, Semi-Electric, Full Electric) • ICU Beds with side rails and height adjustment • Examination Couches & Trolleys • Bedside Lockers & Over-bed Tables • IV Stands, Drip Stands & Mayo Trays • Stretchers & Patient Transfer Trolleys • Ward Furniture & Visitor Chairs All items are customisable in size, finish and configuration.	Operating table solutions for every surgical specialty: • Full Electric OT Table — fully motorised, all positions • Hydraulic OT Table — smooth hydraulic height adjustment • Semi-Electric OT Table — electric back & leg sections • Electro-Hydraulic OT Table — combined electric & hydraulic • Orthopaedic OT Table — specialised traction attachments • Gynaecology OT Table — stirrups and lithotomy position Other customisable models available on request.	Surgical and examination lighting solutions: • Ceiling Suspended OT Light — single & double dome LED • Mobile OT Light — floor-standing, easy to reposition • Examination Light — wall-mounted & floor-standing • Minor OT / Procedure Light — for minor surgical rooms • LED Technology — cool, shadow-free illumination throughout • Adjustable colour temperature and intensity Other customisable models available on request.

◆ **All Hospital Furniture, OT Tables and OT Lights are fully customisable.** We work closely with hospital procurement teams and architects to supply equipment that fits your exact space, workflow and budget requirements. Contact us for quotes, catalogues and site visits. ◆

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08 | CONSUMABLES & ACCESSORIES

Recording Paper	Thermal recording paper for ECG, patient monitors and foetal monitors in various sizes
Disposable Electrodes	Single-use disposable electrodes for ECG and patient monitoring
Gel	Ultrasound coupling gel and ECG electrode gel
Probes	SpO2 probes — Adult, Paediatric and Neonatal; Masimo-compatible sensors
Patient Cables	ECG lead sets (3/5/10-lead); NIBP cables and accessories
Electrodes & Rubber Bulbs	Reusable limb and chest electrodes; Rubber bulbs for ECG leads
Masimo Sensors	
NOMO / Sampling Line	Masimo-certified SpO2 sensors — adult, paediatric, neonatal & finger-clip
IBP Accessories	ETCO2 nasal cannulas, sampling lines and NOMO lines for capnography
NIBP Cuffs	Invasive Blood Pressure transducers, domes and pressure monitoring kits
ONE Gloves	Non-invasive BP cuffs — Adult, Paediatric, Neonatal & Thigh sizes; reusable & disposable
Breathing Circuits	Medical-grade examination gloves — sterile and non-sterile variants
Blood Warmer	Disposable and reusable anaesthesia breathing circuits for BPL and Penlon workstations
Mannequins	Electronic blood warmer for safe and rapid warming during transfusion

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Awards, Partners & Contact

Awards



Authorized Channel Partners

● BPL Medical Technologies	● Capital Engineers (Medilite)	● Anke
● Penlon (UK)	● Alpinion Medical Systems	● Natures Global
● DRTECH	● Maccura	● Wantai-Bio Pahrma
● ATOM Medical (Japan)	● Judcare	● APS Lab Instruments
● Technomed India	● Heyer Medical	

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Committed Towards a Healthier Nepal