Ecomed
Medical (Pty) Ltd

Specialists in Home Care Oxygen, CPAP, Hospital, Trauma and Pain Management

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Probe 600 / 700
Anaesthetic machine

- Large LCD touch colour screen

  - Changeable angles of view
  - Capable of monitoring up to 18 parameters
  - Displays up to 7 graphs

- Various ventilation modes

- Optional
  - Multigas
  - Anaesthetic gas
    C02
    Sp02

Anaesthetic Machine
Portable

- Working mode: Manual
- Patient scope: from Pediatric to Adult (3kgs over)
- Tidal volume: 20-1500ml
- Working pressure: O2:0.3—0.4Mpa, N2O:0.3—0.4Mpa
- Flowmeters: 2 tube 2 gas flowmeter; O2 range: 0.1-10L/min, N2O range: 0.1-10L/min.
- O2 and N2O linkage device (ORC system), FiO2 ≥25%
- APL valve adjustment range: 0.5-6.0Kpa
- O2 Flush: 30-60L/min

Belmont DR-2600 Series
General Operating Tables

- Cost-effective range of operating tables designed for various surgical procedures
- Radiotranslucent X-ray platform
- Interchangeable head and leg sections
- 300mm sliding table top
- Electric operation with battery backup
- Positions: Trendelenburg, reverse trendelenburg, lateral tilt, pelvic lift, leg bending / splitting, auto return

Belmont DR-3700
Orthopaedic / General Operating Table

- A cost-effective, general / orthopaedic operating table designed for various surgical procedures with all the same functions as the general operating table
- Cart for traction and accessories available
- Rechargeable battery
- Radiotranslucent X-ray platform
- 500mm sliding table top
- Positions: Trendelenburg, reverse trendelenburg, lateral tilt, pelvic lift, leg bending / splitting, auto return

Theatre Lights

Keling
Mobile Theatre Light

- Mobile theatre light with or without video camera system
- LED technology which emits low heat radiation
- Efficient and stable illumination at ±160 000 LUX
- Greater than 50 000 hours illumination
- Shadowless operation

*Picture showing video capability, monitor not included

Keling
Ceiling Mounted Theater Light

- Ceiling mounted light with LED cold light source, with ultra-thin optical lens.
- Adjust the diameter of the spot light
- Efficient and stable illumination at 160 000 LUX
- Greater than 50 000 hours illumination
- Shadowless operation

Examination Lights

Keling
Examination Light

- Available as ceiling mount, wall mount and mobile with or without battery
- Illuminates with directional concentrated light for clinical examinations
- ±60 000 LUX
- Greater than 50 000 hours illumination
- Shadowless operation

Mindray SV300
Adult to Paediatric ICU Ventilator

- 12.1" colour active matrix TFT touch screen
- State-of-the-art ICU / Transport ventilator
- Simple and intuitive workflow
- Suitable for invasive and non-invasive ventilation with FiO2: 21% to 100%
- Smart alarm system: Assists the end-user with quick and effective identification and correction of conditions related to alarms
- Built-in high performance turbine
- Weight = 10kg

Mindray SV600
Adult to Neonatal ICU Ventilator

- 15.6" colour active matrix TFT touch screen
- State-of-the-art ICU ventilator
- Simple and intuitive workflow
- Suitable for invasive and non-invasive ventilation with FiO2: 21% to 100%
- Adaptive ventilation modes for comprehensive ICU use
- PulmoSight™ technology gives real time feedback on th lung condition.
- Smart alarm system: Assists the end-user with quick and effective identification and correction of conditions related to alarms
- Turbine or pneumatic option
- Weight = 45kg (including trolley and backup air supply)

Mindray SV800
Adult to Neonatal ICU Ventilator

- 15.6" colour active matrix TFT touch screen
- State-of-the-art ICU ventilator
- Simple and intuitive workflow
- Suitable for invasive and non-invasive ventilation with FiO2: 21% to 100%
- Adaptive ventilation modes for comprehensive ICU use
- PulmoSight™ technology gives real time feedback on th lung condition.
- Dual oesophageal monitoring
- Smart alarm system: Assists the end-user with quick and effective identification and correction of conditions related to alarms
- Turbine or pneumatic option
- Weight = 48kg (including trolley and backup air supply)

BioMed TV-100
Adult to Neonatal Transport Ventilator

- 8.4" LCD colour touch screen
- Turbine driven transport ventilator
- Simple and intuitive workflow
- Suitable for invasive and non-invasive ventilation with FiO2: 21% to 100%
- Versatile and lightweight design
- Size: 32.5 x 30.2 x 19.3cm
- Weight: 7.1kg

Magnamed OxyMag
Adult to Neonatal Transport Ventilator

- 5.7" TFT-LCD colour touch screen
- Pneumatically driven transport ventilator
- Simple and intuitive workflow
- Suitable for invasive and non-invasive ventilation with FiO2: 0% to 100%
- Suitable for short term intra-, inter-, and pre-hospital transportation
- 6.5 hours battery life
- Versatile and lightweight design
- Size: 25.5 x 18.1 x 23.1cm
- Weight: 3.25kg

Ambul T5
Adult to Paediatric Transport Ventilator

- 5" TFT-LCD colour touch screen
- Pneumatically driven transport ventilator
- Simple and intuitive workflow
- Suitable for invasive and non-invasive ventilation with FiO2: 40% or 100%
- Suitable for short term intra-, inter-, and pre-hospital transportation
- Versatile and lightweight design
- Size: 25 x 20 x 12.7cm
- Weight: 2.37kg

BMC Humidifier
High Flow

- Provides a maximum of 80L / min air-oxygen mixed gas
- Oxygen concentration can be set automatically
- Auto Flow and Smart Flow function
- Warm standby function
- Water chamber has a back flow prevention valve to prevent gas back flow
- Set target oxygen concentration (21%-100%), temperature (29°C-37°C) and flow (2L/min ~ 80L/min)
- Can be used for patients with spontaneous breathing , including artificial airway respiratory insufficiency

Optional accessories:

Water Chamber	Water Chamber Exchange Connector	LH2 Heated Tubing	Nasal Cannula for High Flow (XS/S/M/L)	Medical Trolley

DIGIX-CSA^ADV CSA / CSM / CS
Digital Radiography System Ceiling Suspended

- Model: MARS - 15/30/40/50/50+/65/80
- All general purpose digital radiographic procedures / exposures on a patient standing, lying on a table or sitting on a chair
- Industry leading flat panel detector
- Innovative and adaptive DR workstation

MOBILX DR
Digital Radiography System Mobile

- Model: MARS - 15/20/32/40/50
- Battery powered instant imaging for trauma cases and bed-side X-rays
- Industry leading flat panel detectors
- Compact design
- Anti-collision system
- Large built-in touchscreen
- Innovative and adaptive image acquisition software

ROLLX DR
Digital Radiography System Mobile

- Model: MARS - 6/15
- Instant imaging for trauma cases and bed side X-rays
- Compact, storable design
- Easy to operate
- Built-in touchscreen
- Innovative and adaptive image acquisition software

DIGIXeco
Digital Radiography System (Ceiling Free)

- Models: MARS - 15/30/40/50/50+/65/80
- Economic general purpose digital radiographic procedures / exposures
- Detector stand to enable all types of radiographs with mobile table
- High patient throughput
- Enhanced and efficient work-flow
- Compact room design

RollScan
Modular C-Arm Image Intensifier

- Model: HF 59R (6 / 15KW)
- Modular design for longer duration advanced surgical procedures under fluoroscopy
- 50 Khz Actuator assisted C-Arm with foldable monitors mounted on modular trolley
- Powered by 1K x 1K imaging system
- LCD display on control panel
- DICOM 3.0 connectivity

C-Arm Image Intensifier

- Models: HF49 / HF49R (3.5 / 6 KW)
- For general orthopaedic application
- Emergency exposure
- LCD panel with APR
- DIP-IQ memory (optional)

Mammography

Fairy / Fairy DR
Mammography (Analogue / Digital)

- Fully motorized isocentric mammography for breast cancer detection
- AEC (Automatic Exposure Control) with Zero point exposure technique
- APR (Anatomical Programming Radiography) for different breast sizes
- Auto release of breast after exposure
- Automatic filter selection
- Gantry always rotates around the target, motorized gantry movement for quicker positioning and operator convenience
- FFDM (Full Field Digital Mammography) with flat panel detector
- Stereotactic biopsy compatible (optional)

Cath Lab

Pride HP
Fixed Cath Lab

Interventional cardiovascular, adult and paediatric
- Emergency exposure
- High frequency X-ray generator
- Revolutionary liquid metal tube
- Rapid positioning: 25° / second
- Built-in anti-collission sensors
- Million pixel FPD
- Large 55" exam room monitor
- Proprietary synergy DR software
- AED (Auto Exposure Detector) - no interface required
- ADRC (Digital Auto Dose Rate Control)

Life / Life HP
Mobile Cath Lab

- Interventional cardiovascular, adult & paediatric
- Fully motorized
- 139 µm pixel size (High image quality at low dose)
- 17" x 17" fixed FPD for full anatomical coverage embedded inside detector stand
- MobiT table (for supine X-ray's) and detector stand (for vertical X-ray's)
- AED (Auto Exposure Detector) - no interface required
- Image preview in 3 seconds
- Proprietary synergy DR software

GE Versana Active
Mobile Ultrasound System

- The Versana Active™ ultrasound system delivers the imaging capability of a console in a hand-carried, lightweight package that enables you to actively take your system to your patients, on premises or to remote facilities.

- This reliable system brings the agility of a laptop unit with capability for attaching to a cart. Adaptable to cover a broad range of everyday exams, it is easy to carry to clinics and physician offices.

GE Versana Essential
On Trolley

- The Versana Essential ultrasound machine combines quality, clinical capability and dependability in an affordable ultrasound package.

- Practical and easy-to-own, the Versana Essential ultrasound machine makes workflow easy.

- It includes a diverse portfolio of ultrasound scan capabilities for general practice applications.

GE Vivid E90
4D Cardiovascular Ultrasound System

- The VividTM E90 is a premium 4D cardiovascular ultrasound system designed to help you reach new heights of care efficiency and effectiveness.

- Using the extraordinary processing power of our breakthrough software beamformer platform – cSound™ 3.0 – as a catalyst, we've developed an array of innovative algorithms and applications to help you keep elevating patient care.

GE Healthcare

Biolight V6
7" TFT-LCD Screen

Standard Configuration:
- NIBP
- SpO2

Optional:
- NIBP only
- SpO2 only
- Touch screen
- Built-in thermal printer
- Infra-red ear thermometer
- Mobile stand or wall bracket
- CO2

Biolight M1000
8" TFT-LCD Screen

Standard Configuration:
- NIBP
- SpO2
- Skin temperature
- 3-lead ECG
- Respiration
- Touch screen

Optional:
- 5-lead ECG
- Mobile stand or wall bracket
- USB printer supported

Biolight M8500
8" TFT-LCD Screen

Standard Configuration:
- NIBP
- SpO2
- Skin temperature
- 5-lead ECG
- Respiration

Optional:
- 3-lead ECG
- Thermal recorder
- Mobile stand or wall bracket

Biolight Q3
10.4" TFT-LCD Screen

Standard Configuration:
- NIBP
- SpO2
- Temperature
- 5-lead ECG
- IBP
- 2x Module slots
- Touch screen

Optional:
- 3 or 12-lead ECG
- EtCO2
- Multigas
- ICG (Non-Invasive Cardiac Output)
- CSM (Cerebral State Monitoring)
- BIS (Bi-Spectral Index Monitoring)
- CO (Cardiac Output)
- Thermal recorder
- Mobile stand or wall bracket

Biolight Q5
12.1" TFT-LCD Screen

Standard Configuration:
- NIBP
- SpO2
- Temperature
- 5-lead ECG
- IBP
- 2x Module slots
- Touch screen

Optional:
- 3 or 12-lead ECG
- EtCO2
- Multigas
- ICG (Non-Invasive Cardiac Output)
- CSM (Cerebral State Monitoring)
- BIS (Bi-Spectral Index Monitoring)
- CO (Cardiac Output)
- Thermal recorder
- Mobile stand or wall bracket

Biolight Q7
15" TFT-LCD Screen

Standard Configuration:
- NIBP
- SpO2
- Temperature
- 5-lead ECG
- IBP
- 3x Module slots
- Touch screen

Optional:
- 3 or 12-lead ECG
- EtCO2
- Multigas
- ICG (Non-Invasive Cardiac Output)
- CSM (Cerebral State Monitoring)
- BIS (Bi-Spectral Index Monitoring)
- CO (Cardiac Output)
- Thermal recorder
- Mobile stand or wall bracket

Biolight S Series
Touch Screen - 10'', 12''

Standard Configuration:
- 3/5/6 lead ECG
- HR
- Resp
- Sp02
- PI
- RR (from pleth)
- NIBP
- Temperature

Optional
- GCS
- EWS
- PPV
- C02
- Drip monitoring
- Voice control
- 1 lead ECG
- Printer
- IBP
- C.O
- Mainstream/Microflow
- ETC02

Biolight P Series
Touch Screen - 12'', 15'', 18'', 22''

Standard Configuration:
- NIBP
- Sp02
- RESP
- 3/5/6 lead ECG
- PI
- RR (from pleth)
- 2 temp readings
- 2 IBP

Optional:
- NMT
- BIS
- rP02
- EEG
- RM
- C.O
- C02
- GCS
- EMS
- BOA
- Sepsis view
- A.G
- PPV
- ICG
- NMT
- TOF
- 12 lead ECG

Biolight AnyView A3
8" TFT-LCD Screen

Standard Configuration:

- NIBP
- SpO2
- Temperature
- 5-lead ECG
- IBP
- 1x Module slot

Optional:

- 3 or 12-lead ECG
- EtCO2
- Multigas
- ICG (Non-Invasive Cardiac Output)
- Thermal recorder
- Mobile stand or wall bracket

Biolight AnyView A5 / A6 / A8
TFT-LCD Screen

Standard Configuration:

- NIBP
- SpO2
- Temperature
- 5-lead ECG
- IBP
- 4x Module slots
- Display size: A5 12.1" / A6 14.1" / A8 17"

Optional:

- 3 or 12-lead ECG
- EtCO2
- Multigas
- ICG (Non-Invasive Cardiac Output)
- Thermal recorder
- Mobile stand or wall bracket

Biolight M6000C
Central Monitoring System

- Up to 66 bed connection
- Multiple parameter waveforms
- Automatic data save

NIBP Cuff   NIBP Extension   NIBP Connector   ECG Cable   Temperature Probe

SpO2 Clip Sensor   SpO2 Soft Sensor   SpO2 Disposable Sensor   SpO2 Adaptor   IBP Cable

Electrocardiographs

Biolight E65
8" TFT-LCD Screen

- Computer keyboard input and full-screen touch operation with 12-channel synchronous display
- Interpretation, playback and re-analysis
- Supports data dump, SD card and U-disk storage function
- Z-type fold paper 21 x 11.4cm

Biolight E70
8" TFT-LCD Screen

- Computer keyboard input and full-screen touch operation with 12-channel synchronous display
- Interpretation, playback and re-analysis
- Supports data dump, SD card and U-disk storage function
- Roll and Z-type fold paper

Biolight E80
12.1" TFT-LCD Screen

- Computer keyboard input and full-screen touch operation with 12-channel synchronous display
- Interpretation, playback and re-analysis
- Supports data dump, SD card and U-disk storage function
- Roll and Z-type fold paper

Cardiotocographs

Biolight F50
7" TFT-LCD Screen

- Monitoring TOCO (uterine contractions), FHR (foetal heart rate), FM (foetal movement) and mothers' basic physiological parameters
- Single or twin
- Highly sensitive TOCO transducer with real-time monitoring
- Built-in Z-fold thermal printer

Biolight F90
12.1" TFT-LCD Screen

- Monitoring TOCO (uterine contractions), FHR (foetal heart rate), FM (foetal movement) and mothers' basic physiological parameters
- Single or twin
- Highly sensitive TOCO transducer with real-time monitoring
- Built-in 152mm thermal printer

Bestman BF-500/D
Foetal Doppler

- Used for foetal heart rate detection, suitable for hospitals, clinics and families
- LCD display
- Visual heart rate display
- Audio heart rate through built-in speaker
- 2.0MHz transducer

Bestman BV-520
Vascular Doppler

- Detects the flow status of arterial/venous blood and average velocity
- LED bar indicates pulse rate
- Ultrasonic probe: 8.0MHz ±10%
- Automatic power-off (3 minutes)

Bestman BF-600+
Table Top Foetal Doppler

- Detects the foetal heartbeat from the 12th week
- LED display
- Automatic power-off (3 minutes)
- Visual heart rate display
- Audio heart rate through built-in speaker
- 2.0MHz transducer (optional 5.0MHz probe for blood stream)

Biolight M70
Fingertip Pulse Oximeter

- All-in-one integrated fingertip device
- Simple operation for immediate, real-time spot-checks
- Automatic power-off
- Uses 2 x AAA batteries

Biolight M800
Handheld Pulse Oximeter

- Compact and lightweight, providing patient ECG, SpO2 and pulse rate monitoring
- High resolution 2.4" colour LED display
- Waveform and large numeric display
- Two selectable working modes: spot-check and continuous monitoring
- Docking station for use with rechargeable AA batteries available as an option

Mindray BeneFusion VP3
Infusion Pump

- 3" LCD monochrome screen
- Simple workflow design
- Dynamic pressure monitoring
- Quick start-up and efficient infusion delivery
- On board memory records up to 1500 events
- Accommodates universal giving sets

Mindray BeneFusion VP5
Infusion Pump

- 3.5" TFT-LCD screen
- Intelligent occlusion management system
- Dynamic pressure monitoring and anti-bolus
- Up to 6 infusion modes including ramp up / down and micro-infusion
- 2000 History records
- Drug library
- Accommodates universal giving sets

Mindray BeneFusion SP3
Syringe Driver

- 3" LCD monochrome screen
- Compact and lightweight design
- Ideal for emergency vehicles and patient transfers
- Quick start-up and efficient drug delivery
- On board memory records up to 1500 events
- Drug library
- Syringe sizes: 5ml, 10ml, 20ml, 50ml, 60ml with automatic syringe size detection
- Accommodates various types of syringes

Mindray BeneFusion SP5 TCI
Syringe Driver

- 3.5" LCD colour screen
- TCI (Target Controlled Infusion)
- Total intravenous anaesthesia
- Dose error reduction system
- PK (Pharmo Kinetic) models available (various concentrations)
- Real-time target site or plasma effect site concentration
- Drug library
- Syringe sizes: 5ml, 10ml, 20ml, 50ml, 60ml with automatic syringe size detection
- Accommodates various types of syringes

Instramed Defibrillator
Cardiomax 8

Standard Configuration:

- 8.4" LCD-TFT screen
- Biphasic defibrillator
- AED (automated external defibrillator mode)
- 5-lead ECG
- Non-invasive pacing
- Synchronous and a-synchronous defibrillation
- Printer
- User-replaceable battery
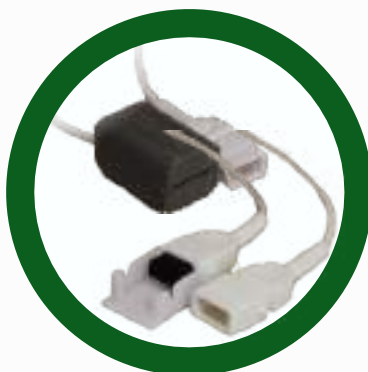- Adult and paediatric paddles

Optional:

- 10-lead ECG (12 channel)
- NIBP
- ETCO2 (capnography)
- SpO2
- Carry bag
- External charger
- Replacement adult / paediatric AED pads
- Internal adult / paediatric paddles

CE 0499 Applicable to specific settings

**BPF
ANVISA**

Instramed AED
Automatic External Defibrillator

- Single button operation
- Biphasic technology
- Artificial intelligence accurately diagnoses patients, controlling application of shocks
- Minimum of 200 shocks (200 Joules)
- User interface is simple and self- explanatory with voice and visual guidance
- Self-diagnosis of functions and battery
- Connection, download and data management software by PC via USB
- Easy access to pads for use and replacement
- Records up to 100 events or 2 hours ECG

Instramed AED Pro
Automatic External Defibrillator with 3-lead ECG

- Single button operation
- Biphasic technology
- Artificial intelligence accurately diagnoses patients, controlling application of shocks
- Minimum of 300 shocks (200 Joules)
- User interface is simple and self- explanatory with voice and visual guidance
- AED PRO adds the flexibility of manual operation to an AED
- Touchscreen
- Records up to 100 events or 2 hours ECG

100% locally designed and manufactured in
SOUTH AFRICA

Features

- Compact and lightweight - single operator
- Powered by 220V AC, 12V DC
- 12V internal battery
- Microprocessor temperature control
- Electronic backlit LCD display
- Alarms: low battery, temperature deviation ±1°C
- Slide out tray for infant management with removable and washable mattress
- Polycarbonate hood - highly impact resistant
- Observation light
- Bacterial filter system: 0.5 micron (HEPA) antibacterial filter
- Modular design with detachable electronics for easy cleaning
- 2 Iris ports
- 1 Oxygen / IV port
- Adjustable IV pole
- Securing straps
- 220V / 50Hz AC charger
- 12V DC double adaptor

Specifications

- Weight: 9.8kg (without external battery)
- Size: 622 x 450 x 340mm
- External lead acid battery: 7kg
- Adjustable temperature setting between 27°C and 39°C
- Heats to 37°C within 20 minutes from ambient of ±21°C
- Temperature measured within 0.5°C
- Temperature measurements are accurate to within 1.0°C
- External battery pack in carry bag: ≤3 hours operating time
- Passes 1 meter drop test
- SANAS and ISO 9001 certified

Stand Available

Dison BB-200
Infant Incubator

- Microprocessor based servo controlled temperature system
- Air temperature mode and skin temperature mode
- Automatic humidity control
- Integrated LED display
- Integrated timer to record therapy time
- Audible and visual alarm functions:
  power failure, air and skin temperature deviation and sensor failure,
  over temperature, fan failure
- Triple protection for over temperature with separate cut off device
- Double wall hood

Optional:
- LCD touch screen
- X-ray cassette tray
- Integrated scale
- Electronic height adjustment
- LED phototherapy
- Air & oxygen blender

Dison BT-100
Infant Transport Incubator

- For use in an ambulance, 12V DC or 24V DC
- Air temperature mode and skin temperature mode
  controlled by micro-computer
- Uses AC or DC power
- LED display
- Audible and visual alarm functions:
  power failure, air and skin temperature deviation
  and sensor failure, over temperature, fan failure
- Double wall hood
- Height adjustable trolley

Dison BN-100
Infant Radiant Warmer

- Microprocessor based servo controlled temperature system
- Three modes: pre-warm, manual and skin temperature mode
- APGAR timer
- Audible and visual alarm functions:
- power failure, skin temperature deviation and sensor failure, over temperature
- LED observation light with adjustable brightness
- Heater head can swivel ±180° horizontally
- X-ray cassette board
- Adjustable bed tilt

Optional:
- Phototherapy light
- Pneumatic resuscitator
- Suction

Dison BR-100
Infant Resuscitator

- Easy to use pneumatic manual resuscitation device with controllable parameters
- Easily portable: 200 x 95 x 265mm, 2kg
- Adjustable pressure control
- Reliably provides oxygen at 100%
- Accurately regulates and maintains a constant and uniform PIP & PEEP
- Simple, single-handed operation

Phototherapy Lights and Cots

- LED and halogen options available
- 3 different brightness settings

Diagnostic Sets

Ultra Wall Mounted Diagnostic Set

Standard:
- Otoscope head
- Ophthalmoscope head
- Specula: 2.5mm & 4mm
- Wall mount transformer
- Automatic power on/off when removing or replacing handles

Optional:
- Sphygmomanometer
- Thermometer

Ultra Portable ENT Set

- Stainless steel handle
- Otoscope head
- Ophthalmoscope head
- Laryngeal mirrors sizes 4 & 5
- Tongue blade holder

- Metal tongue blade depressor
- Nasal speculum
- PVC case
- Uses 2 x 1.5V C batteries

Sphygmomanometers

Automatic BP Meter
Upper Arm / Wrist

Aneroid BP Meter
Desktop / Wall Mount

Aneroid BP Meter
Pocket / Multi-cuff Set

Aneroid BP Meter
Mobile on Stand

Thermometers

Auxiliary Digital

Digital Ear

Infra-red Ear and Forehead

Test Kits

Peak Flow Meter

Digital HB Meters

On Call Plus
Glucometer Kit

Budget Type
Nurses / Doctors

Classic Type
Adult / Paediatric

Double Tube
Rappaport

Pupil Torches & Otoscope

Budget Pupil Torch

Pupil Torch with Gauge

Hi-Care Otoscope

Resuscitation

Manual Resuscitators
BVM Silicone or PVC

- Allows for single-handed operation
- Oxygen inlet
- Adult: 1600ml, includes large adult #5 and adult #4 masks
- Paediatric: 500ml, includes large child #3, child #2 and small child #1 masks
- Infant: 1600ml, includes large infant #1 and infant #0

Laryngoscopes
Ultra Bulb / Fibre Optic Type

Bulb type:
- Stainless steel handle for adults
  (uses 2 x C batteries)
- Stainless steel handle for paediatrics
  (uses 2 x AA batteries)
- Macintosh blades included: sizes 1, 2, 3 & 4
- Miller blade included: size 0
- Carry case

Fibre Optic type:
- Stainless steel handle for adults
  (uses 2 x C batteries)
- Macintosh blades included: sizes 2, 3 &
- Miller blade included: size 1
- Carry case

Oxygen Cylinders

Size D - Pin Index
Portable

Size F - Pin Index
Backup

Size F - Bullnose
Backup

Oxygen Regulators

Ultra Pin Index
Inlet pressure: 200 Bar
Outlet pressure: 3 - 6 Bar
Increments: 1,2,4,6,8,10,12,15,18,20,25 ℓpm

Ultra Pin Index with DISS
Inlet pressure: 250 Bar
Outlet pressure: 3 - 6 Bar
Increments: 1,2,4,6,8,10,12,15,18,20,25 ℓpm

Ultra Pin Index with Heyer
Inlet pressure: 200 Bar
Outlet pressure: 3 - 6 Bar
Increments: 1,2,4,6,8,10,12,15,18,20,25 ℓpm

Ultra Bullnose
Inlet pressure: 200 Bar
Outlet pressure: 3 - 6 Bar
Increments: 1,2,4,6,8,10,12,15,18,20,25 ℓpm

Ultra Bullnose with DISS
Inlet pressure: 250 Bar
Outlet pressure: 3 - 6 Bar
Increments: 1,2,4,6,8,10,12,15,18,20,25 ℓpm

Ultra Bullnose with Heyer
Inlet pressure: 200 Bar
Outlet pressure: 3 - 6 Bar
Increments: 1,2,4,6,8,10,12,15,18,20,25 ℓpm

Oxygen Flowmeters

Ball & Tube Flow Meters

Ultra Single Ball & Tube
Inlet Pressure: ≤400 Bar
Increments:
1,2,3,4,5,6,7,8,9,10,11,12,13,14,15 ℓpm

Ultra Double Ball & Tube
Inlet Pressure: ≤400 Bar
Increments:
1,2,3,4,5,6,7,8,9,10,11,12,13,14,15 ℓpm

Dial-a-Flow Meters

Ultra Single Dial-a-Flow
Inlet Pressure: ≤400 Bar
Increments:
1,2,4,6,8,10,12,15,18,20,25 ℓpm

Ultra Double Dial-a-Flow
Inlet Pressure: ≤400 Bar
Increments:
1,2,4,6,8,10,12,15,18,20,25 ℓpm

Ecomed Traveller
Portable Cylinder with Regulator and Carry Bag

Ambul 689
Adult & Infant (Low Flow)

Adult:
• Primary and auxiliary outlet
• Supply pressure: 30 - 75 PSI
• Alarm activates when supply pressures differ by 20 ±2 PSI
• Oxygen concentration range is from 21 - 100%

Low Flow:
• Supply pressure: 30 - 75 PSI
• Alarm activates when supply pressures differ by 20 ±2 PSI
• Oxygen concentration range is from 21 - 100%

Entonox

Ecomed Entonox System
With Mask & Demand Valve

• Disposable mouthpieces available

Spares & Accessories

| Refill Adaptor | Cylinder Key | Bodok Seal | O-ring | Contents Gauge | Carry Bag |

| Heyer Regulator Assembly | Male Heyer Adaptor | Plastic Oxygen Tailpiece | Chrome Oxygen Tailpiece |

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Ecomed E-Zee Fill
Oxygen Generation & Cylinder Filling Plant

The system consists of a high speed, high pressure, oil-free compressor and a 20ℓ PSA oxygen concentrator, with a four cylinder manifold. The compressor increases the low pressure oxygen from the oxygen concentrator, and fills different sizes of oxygen cylinders at high pressure.

Cylinder Model	Cylinder Capacity	Oxygen Capacity	Oxygen Capacity	Service Pressure	Filling in 24 Hours
	Litre	Litre	kg	Bar	Quantity
D	3	420	0.5	140	56
E	4.85	680	0.8	140	34
F	9	1260	1.7	140	18
G	40	5600	7	140	4

System Features
- Dry, clean and oil-free
- Compact size: approx. 2 x 1.8m
- Easy and safe to operate
- Simple, reliable and low maintenance
- Low power consumption and energy saving
- Cost-effective
- Flexible - can be expanded

Specifications

- **Oxygen concentrator:**
- Flow: 20ℓ per minute
- Pressure: 15psi output
- Oxygen purity: 94% ±2%
- Oxygen purity digital display
- Hour meter
- Modular design: 3 modules electronically monitored
- System can remain functional at 67% of capacity in the event of 1 module failure. This reduces downtime.

- **Audio and visual alarms:**
- Low purity
- Low flow
- Low pressure

- **Compressor:**
- Maximum filling pressure: 142bar
- Filling capacity: 28kg's in 24 hours
- Automatic shut-off at maximum service pressure
- Inlet and outlet pressure gauges
- Hour meter

- **Manifold:**
- Corrosion resistant steel frame with four filling adaptors:
- Bullnose or Pin Index connections

CE FDA

Port-a-Vac
Battery Operated Suction Unit

- Hard carry case
- Reusable collection canister
- AC / DC power options
- Flow: 25ℓpm
- Variable vacuum control regulator

Ultra Mobile Suction Unit with Battery
Mobile Suction Unit With or Without Stand

- Capacity: 1 or 2 x 1ℓ reusable canister/s (with or without liners)
- AC / DC power options
- Flow: 20ℓpm
- Variable vacuum control regulator

Ultra Electric Mobile Suction Unit
Double Bottle on Stand

- Capacity: 2x 2.5ℓ reusable canister/s (with or without liners)
- Flow: 30ℓpm
- Variable vacuum control regulator

Pipeline Suctions
Single, Double & Mobile

- Capacity: single or double, 1ℓ or 2ℓ reusable canister/s (with or without liners)
- Wall mount (Gabler) rail or mobile stand

Manual Suctions
Handheld & Foot Operated

ABS Bedside Locker   ABS Overbed Table   ABS Medicine Trolley   ABS Emergency Trolley

Colours on ABS furniture may vary

Dressing Trolley Small / Medium / Large   Instrument Trolley Small / Medium / Large   Soiled Linen Receiver with Shelves

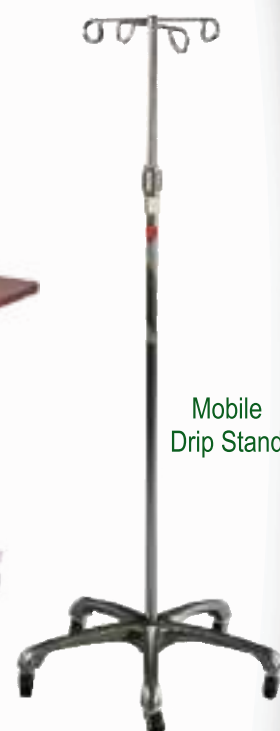Examination Couch

Mobile Bassinette Trolley

Mobile Drip Stand

Mobile Bedscreen   Single / Double Step   Overbed Table Hi-Lo

Cogent E200iX
Patient Emergency Trolley

- Hydraulic pump control via dual side foot pedal
- Oxygen cylinder storage
- Pneumatic backrest adjustment
- Weight capacity: 250kg
- X-ray translucent with full length X-ray cassette
- Easy to maneuver

Scales

Baby Scale
Electric / Battery Operated

- Capacity: 0 - 20kg
- Increments: 0 - 10kg 10g / 10 - 20kg 50g
- Removable scale cradle to weigh babies standing up

Adult Scale
Digital / Battery Operated

- Capacity: 0 - 150kg

Manual Floor Standing Scale
Sliding Weight with Height Measure

- Capacity: 0 - 200kg
- Height rod: 2m

Digital Floor Standing Scale
Digital Weight Display with Height Measure

- Capacity: 0 - 300kg
- Height rod: 2m

Manual

Digital

GR265 G/E Hybrid (Gas / Electric)
Vaccine Storage Refrigerator & Ice Pack Freezer

- Vaccine storage capacity (refrigerator): 157ℓ
- Frozen ice pack storage capacity (freezer): 32ℓ
- Manufacturers gross volume: 189ℓ
- Hold over time during power cut:
- 5.5 hours (≤32°C)
- 1.5 hours (≤43°C)
- With LP gas back-up ≥10 days
- Dimensions: H 1525 x W 600 x D 680mm
- Weight: 80kg

ZLF30AC
Vaccine Storage Refrigerator

- Sure Chill$^®$ technology guarantees that vaccines will not freeze within rated temperatures (10°C to ≤43°C)
- WHO (World Health Organisation) approved small vaccine storage refrigerator with extended holdover
- Vaccine storage capacity (refrigerator): 27ℓ
- Hold over time during power cut:
- >110 hours (at ≤43°C ambient temperature)
- >150 hours (at ≤32°C ambient temperature
- Dimensions: H 1028 x W 619 x D 563mm
- Weight: 65kg
- Also available in 100ℓ and 150ℓ

Option:
- WHO (World Health Organisation) approved remote temperature monitoring device

ZVC-44 / 46 / 264SL / 316SL
Vaccine Carry Boxes

- Internal lining material: HIPS (High Impact PS) / LLDPE
- External surface material: HDPE (High Density PE) / LLDPE
- Vaccine Storage Capacity: 2.5ℓ, 11.6ℓ, 23.7ℓ
- Long range carriers
- Weight - empty (with empty icepacks): 2.2kg, 2.98kg, 14.21kg, 21.9kg
- Temperature holdover without opening: ≤40 to 145 hours (dependant on size and model) at 43°C

ZVC-24
Vaccine Carry Box

- Internal lining material: HIPS (High Impact PS)
- External service material: HDPE (High Density PE)
- Vaccine Storage Capacity: 0.80ℓ
- Short range carrier
- Weight - empty (with empty icepacks): 1kg
- Temperature holdover without opening: ≤20 hours at 43°C

Shinva MOST-T24
Steam Sterilizer

Features:
- High-efficiency steam generator
- High-efficiency ultimate vacuum
- Built-in open type water tank with waste water reservoir
- LCD screen operator interface

Technical Parameters:
- Modes: Packed items, unpacked items, rubber items, custom program, rapid program, BD testing program, vacuum testing program, preheat program and drying program
- Pre-configured temperature setting: 121ºC / 134ºC
- Temperature selection range: 105ºC - 138ºC
- Design pressure: -0,1 / 0,3 MPa
- Power supply: 220V 50/60Hz
- Power: 1.8Kw
- Chamber dimensions: Ø 250x 450mm
- External dimensions: L 685 x W 515 x H 450mm
- Net weight: 65kg

Shinva MOST-T45
Steam Sterilizer

Features:
- High-efficiency steam generator
- High-efficiency ultimate vacuum
- Built-in open type water tank with waste water reservoir
- LCD screen operator interface

Technical Parameters:
- Modes: Packed items, unpacked items, rubber items, custom program, rapid program, BD testing program, vacuum testing program, preheat program and drying program
- Pre-configured temperature setting: 121ºC / 134ºC
- Temperature selection range: 105ºC - 138ºC
- Design pressure: -0,1 / 0,3 MPa
- Power supply: 220V 50/60Hz
- Power: 5Kw
- Chamber dimensions: Ø 136x 616mm
- External dimensions: L 830 x W 640 x H 550mm
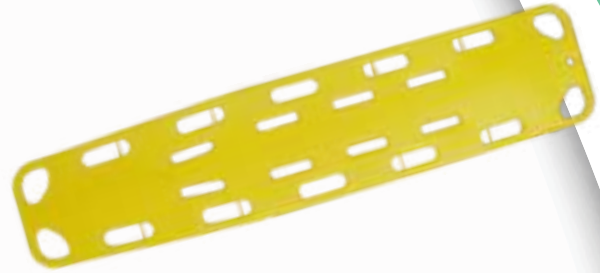- Net weight: 115kg

Ultra Self Loading
Ambulance Stretcher

- Weight capacity: 180kg in stretcher configuration; 240kg in bench configuration
- Fowlers, semi-fowlers and trendelenburg positioning
- With shortening for use in confined spaces i.e. elevators or lifts
- One-person operation

Ultra Spine Board
Plastic

- Weight capacity: 181kg
- X-ray and CT translucent
- Can be used with spider harness and headblocks
- Includes straps

Ultra Scoop Stretcher
Aluminium

- Weight capacity: 160kg
- For moving, immobilizing, lifting and carrying adults in the pre-hospital care environment
- All aluminium construction which folds in half for storage and separates into two halves for application and removal
- Open centre allowing for X-ray of patients

Ultra Fold Stretchers
Single & Double

- Folding emergency pole stretcher, simple to use, flat and lightweight
- Weight capacity: 160kg
- Lightweight aluminium frame with heavy-duty vinyl coated nylon cover

Ultra Basket Stretcher
With Lifting Bridle

- Weight capacity: 272kg
- Suitable for use in difficult rescue situations i.e. mountain or sea rescue
- Includes lifting bridle for attachment to a hoisting device

Ultra Vacuum Mattress

- Weight capacity: 160kg
- X-ray translucent
- Includes pump and securing straps

Ultra Extrication Device
Adult & Paediatric

- Weight capacity: adult 280kg, paediatric 60kg
- Rigid spine (back) support, with built-in neck immobilisation
- Includes 2 forehead/chin restraints, adjustable neck roll pad and carry case
- Covering material is heavy-duty, vinyl-coated nylon, durable and washable
- The adjustable, fold-bqack sides permit easy access to patient chest
- Restraint straps are 45mm nylon webbing with snap-lock quick release buckles
- The device allows X-ray, MRI and CT scans

Ultra Evacuation Chair

- Weight capacity: 160kg
- Single person operation

Options:
- Mounting bracket
- Bag

Ultra Headblocks
Adult & Child

Spider Harness

- May be used with spine board or scoop stretcher by rotating headblocks
- Includes two head blocks, chin and forehead strap, base plate for securing to stretcher

Ultra Traction Splints
Adult & Child

- Lightweight aluminium and stainless steel construction
- One-person application
- Complete with carry case and heel stand

Cervical Collars
Soft / Stiffneck / Adjustable

Interlocking
Plastic Splints

Jump Bags
BLS / ILS / ALS

Utility Vest
Black

First Aid Kits
Regulation 3 / 7 in Pouch or Box

Reflective Vest
Orange

Road Cones
450mm

Barrier Tape
100m

Rescue Blanket
Adult / Infant

N95
Dust Mask

Targeting Your Patients' Chronic Pain Using Minimally Invasive **PainSol**utions

Pain*Sol* is the Pain Management division of **Ecomed Medical (Pty) Ltd** a renowned Medical Equipment Supplier and healthcare organisation headquartered in Krugersdorp, Gauteng, South Africa.

Sole distributors in Sub-Sahara Africa of the Avanos V4 Generator, manufactured in the USA. An innovative state-of-the-art Radiofrequency Pain Management system providing minimally invasive solutions for treatment of chronic spinal pain. Radiofrequency ablation is an effective means of reducing pain in selected patients on the basis of controlled diagnostic blocks.

- FDA and CE Compliance
- 4 Lesions, reducing theatre time
- Diverse lesioning, i.e. different length cannula
- Multiple use, i.e. Lesion, Sensory, Motor
- Coolief Technology
- Self calibration generator

Pain*Sol* offers:

- Surgeon to surgeon accredited training in the core focus procedures namely: Lumbar, Cervical Thoracic, Plantar Fasciitis, Hip, Knee and Elbow Rhizotomys

- Experienced and accredited Theatre Technicians and Sales Representatives to attend in theatre procedures

- Registered with private and government hospitals

- Surgeon practice growth within Pain Management arena

- Medical Aid Authorization assistance

- 24 Hour theatre slate service delivery

OxyPure
5L Oxygen Concentrator

- The OxyPure Oxygen Concentrator provides up to 5L continuous oxygen for patients. This innovative Oxygen Concentrator delivers an oxygen purity of up to 96% and weighs only 15 kg..
- 1-5L/min
- Suitable for most oxygen prescriptions
- Fast and easy maintenance
- Low flow, high/low pressure, low oxygen purity, power alarms

Jay 10
10L Oxygen Concentrator

- The JAY10 Oxygen Concentrator offers up to 10L flow rate.
- The JAY10 is a plug and play system.
- It offers visual and audible alarms.
- The JAY10 allows you to set a timer for the patient and once the time is completed the machine will turn off automatically.
- 0.05-10L/min
- Power failure, high or low pressure, no flow, and low oxygen concentration alarms.

Inogen G5
Portable Oxygen Concentrator

- Weighs 2,2kgs
- Pulse dose flow delivery system
- 6 flow settings
- Up to 6 hours battery life
- AC and DC power charging cables

Kingon P2
Portable Oxygen Concentrator

- Smallest and lightest 1ℓ portable oxygen concentrator in the world
- Pulse dose 1-5 settings
- 2.8 inch colour display screen
- Only weighing 1.69kgs
- 4 hour battery run time

Resvent iBreeze
CPAP

- Compact, light weight with friendly user interface
- Unique Intelligent Pressure Release for greater comfort
- Respiratory Event Detection provides a sophisticated form of pressure relief during light sleep
- Auto altitude, leakage and circuit compensation
- Built in intelligent humidifier
- Data Management via internal memory and SD Card
- CPAP-V function - Allows for up to 28 days Auto Titration

Resvent iBreeze
APAP

- Compact, light weight with friendly user interface
- Unique Intelligent Pressure Release for greater comfort
- Auto-adjusting pressure to meet the changing demands of the upper airway
- Respiratory Event Detection provides a sophisticated form of pressure relief during light sleep
- Auto altitude, leakage and circuit compensation
- Built in intelligent humidifier
- Data Management via internal memory and SD Card
- APAPW - Allows for more sensitive assessment of a smaller chest cavity

Resvent iBreeze
Bi-PAP

- Compact, light-weight with friendly user interface
- Unique Intelligent Pressure Release for greater comfort
- Sophisticated auto-adjusting treatment that provides pressure to meet serious respiratory disorders
- Respiratory Event Detection provides a sophisticated form of pressure relief during light sleep
- Auto altitude, leakage and circuit compensation
- Built in intelligent humidifier
- Data Management via internal memory and SD Card
- Automatic patient pressure adjustment
- Automatic patient compliance adjustment
- Pressure and Time modes
- High Spec Device

Portable APAP
Compact APAP

iBreeze+ premium PAP system is one of the smallest APAP solutions in the world, even for the most comprehensive respiratory disorder diseases. It incorporates all the functions of the iBreeze APAP, plus:
- Works with electricity and battery
- Touch screen operation
- Carry bag included for everyday use

BMC iVolve F1A
Full Face Mask

BMC iVolve N2
Nasal Mask

BMC P2
Nasal Pillows

BMC F5A
Full Face Mask

BMC N5A
Nasal Mask

CPAP Accessories

BMC
Full Face Mask Accessories

BMC
Nasal Mask Accessories

BMC
Accessories

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