Product Range Overview
2021/22
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**ELECTROCARDIOGRAPHY**

**ECG—Stand Alone**

**Nihon Kohden**
Cardiofax E ECG-3150K
3-channel interpretive resting electrocardiograph
Cardiofax S ECG-2250K
6-channel interpretive ECG
Cardiofax M ECG-2350K
12-channel interpretive ECG

**Nihon Kohden**
Cardiofax V ECG-2450K
12-15 channel interpretive ECG, stress ECG

**Ambulatory Holter**

**Norav**
Ambulatory ECG—PC Based
5 and 7 lead, 24/24 hour, single AA battery operated

**Suntech**
Oscar 2
24/48 hour, 2x AA battery operated

**ECG—PC based**

**Norav**
1200M Rest ECG
12 lead resting ECG with interpretation
All-In-One
Rest ECG, Stress ECG and Holter ECG

**Norav**
1200S Stress ECG
12 lead stress ECG, interpretation, database and option to control treadmill or ergometer

**Norav**
1200W Stress ECG Wireless
12 lead stress ECG, interpretation, database and option to control treadmill or ergometer

**Nihon Kohden**
Cardiofax V ECG-2450K
12-15 channel interpretive ECG, stress ECG

**ECG Disposable Electrodes**

**Ambu**
Resting ECG / 12-Lead ECG
BlueSensor
SU, 2300
WhiteSensor
4300M, 4340M, 0815M, 0215M, 0315M, 0415M, 0715M
Holter Event Recording and Long-term Monitoring
BlueSensor
L, UL, VLC
WhiteSensor
4400M, CMM
Stress Test
BlueSensor
A, SE 7
WhiteSensor
4500M
Short-term Monitoring
BlueSensor
M, Q, QR
WhiteSensor
4831Q, 4841P, 7841P, WS, WS/RT, 4500M, 4500M-H
Neonatal Monitoring
BlueSensor
Neo X, BR, BRS, NF, NF-00-S
WhiteSensor
40554, 40556
Paediatric Monitoring
BlueSensor
P, N, N-00-S
WhiteSensor
WSP 25

**ECG Consumables**

- ECG Electrodes Accessories
  - SkinFix
  - Snap Clip
  - Skin Prep
  - ECG Thermal Paper
  - Z-fold and rolls, for all Nihon Kohden ECG machines

**Norav**
1200SThetal
12 lead stress ECG, interpretation, database and option to control treadmill or ergometer

**Stex**
Medical Grade Treadmill
Communication port — able to be controlled by ECG device

**Ergometers/Bicycles**

**Norav**
Norav Medical Grade Ergometers
Communication port — able to be controlled by ECG device

**ECG Disposable Electrodes**

**Ambu**
Resting ECG / 12-Lead ECG
BlueSensor
SU, 2300
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WhiteSensor
40554, 40556
Paediatric Monitoring
BlueSensor
P, N, N-00-S
WhiteSensor
WSP 25

**Ergometers/Bicycles**

**Norav**
Norav Medical Grade Ergometers
Communication port — able to be controlled by ECG device

**Treadmills**

**Stex**
Medical Grade Treadmill
Communication port — able to be controlled by ECG device
Spirometry Stand-Alone
Vitalograph
ALPHA Touch
VC, SVC, Pre- and Post- BD

Spirometry-PC Based
Koko LLC
KoKo® Sx 1000
FVC, FEV1, VC, SVC, Pre- and Post- BD, MVV, Challenge

Vitalograph
Pneumotrac
FVC, FEV1, SVC Pre and Post, BD, MVV

Koko LLC
KoKo® Px 4000 Diffusion Analyser
Spirometry, diffusing capacity, bronchoprovocation, maximum pressures

Koko LLC
KoKo® Px 4000 Body Plethysmograph
Spirometry, airways resistance, diffusion, bronchoprovocation, lung volumes

Cardiopulmonary Exercise
Koko LLC
Cpet 6000
With option to control treadmill or ergometer

Respiratory Muscle Trainer & Bronchial Hygiene
Philips Respironics
Threshold IMT
Threshold PEP
O2 Adaptor

Peak Flow Meters
Vitalograph
AsmaPLAN

Spirometry Pulmonary Filters
ViBAC
Bacterial Viral Filters
Wide range of disposable spirometer filters (see table below)

Pulmonary Filter Range Compatibility Chart

<table>
<thead>
<tr>
<th>Code</th>
<th>Colour</th>
<th>Fits</th>
<th>Spirometer Models</th>
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<tr>
<td>LOPF35</td>
<td>Lime Green</td>
<td>NDD Spirometers</td>
<td></td>
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<tr>
<td>LOPF28</td>
<td>Beige</td>
<td>nSpire BodyBox, Eagle, Medgraphics</td>
<td></td>
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<tr>
<td>LOPF30</td>
<td>Blue</td>
<td>Spirolab, MicroMedical, Vitalograph, Cosmed Pony, SpiroBank MR, Schiller SP3</td>
<td></td>
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<tr>
<td>LOPF33</td>
<td>Orange</td>
<td>iQteq, SpiroFlow, AME</td>
<td></td>
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<tr>
<td>LOPF36</td>
<td>Cherry</td>
<td>Jaeger, SensorMedics, SambaDiagnos, Vitalograph</td>
<td></td>
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<tr>
<td>LOPF44.28T</td>
<td>Teal Tapered</td>
<td>nSpire KoKo Units, Schiller SP10, SP200</td>
<td></td>
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<tr>
<td>FR810050</td>
<td>Teal KoKo Mae</td>
<td>nSpire KoKo Digidoser</td>
<td></td>
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<tr>
<td>LOPF44BG</td>
<td>Teal &amp; White, Oval</td>
<td>All KoKo Spirometers</td>
<td></td>
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<tr>
<td>LOPFDC.2</td>
<td>White</td>
<td>nSpire BodyBox, Eagle, Medgraphics</td>
<td></td>
</tr>
</tbody>
</table>

ViBAC
LOPF44BG
Oval mouth piece with bite grip for KoKo spirometers

ViBAC
LOPF44BG
Oval mouth piece with bite grip for KoKo spirometers

Microtol
• Tub of Wet Wipes
• Aerosol Spray
• Hand Soap Liquid
Steritech
• 101 Sterilising Fluid
SVM Monitor Range

Nihon Kohden
SVM-7501
10.4" display
SVM-7503
10.4" display, 2 x IBP, 1 x CO2 (mainstream CO2 sensor optional)
SVM-7521
12.1" display
SVM-7523
12.1" display, 2 x IBP, 1 x CO2 (mainstream CO2 sensor optional)

Visio Monitor Range

Nihon Kohden
ECG, Resp, NIBP, SpO2, 1 x Temp, 10.4" display
PVM-2701, PVM-4761 (Nihon Kohden), PVM-4751 (Nellcor), PVM-4731 (Masimo)
PVM-2703
1 x IBP or CO2 (mainstream CO2 sensor optional)
PVM-4763 (Nihon Kohden), PVM-4753 (Nellcor), PVM-4733 (Masimo)
2 x IBP or CO2 (mainstream CO2 sensor optional)

Venus Monitor Range

Nihon Kohden
ECG (3/6/10 lead), Resp, NIBP, SpO2, 2 x Temp, IBP (use multiconnector), CO2 (mainstream sensor optional - optional), CO (use multiconnector), esCO2 (non invasive CO – optional), BIS (use multiconnector), Flow/Paw (optional module), Anesthetic gases (optional module – CO2, O2, N20, Agent), TOF (optional external device), Ventilation (optional external device), EEG (optional external device)
BSM-3562 (Nihon Kohden), BSM-3552 (Nellcor), BSM-3532 (Masimo)
12.1" display, 2 multiconnectors
BSM-3763 (Nihon Kohden), BSM-3753 (Nellcor), BSM-3733 (Masimo)
15" display, 3 multiconnectors

Triton Monitor Range

Nihon Kohden
Measuring parameters (refer to input units for specific capability)
ECG, Resp, SpO2, SpO2-2, Nihon Kohden, Nellcor or Masimo), NIBP/IBP Temp, CO, esCO2 (non invasive CO – optional), BIS, O2, CO2 (mainstream and sidestream), Flow/Paw, anesthetic gas (CO2, O2, N20, agents), TOF, ventilation, CO2, EEG (aEEG – MU651/71 only), tcPO2, tcPCO2
MU-631
10.4" Display
MU-651
12.1" Display
MU-671
15" Display

Genesis Monitor Range

Nihon Kohden
Measuring parameters (refer to input units for specific capability)
ECG, Resp, SpO2, SpO2-2, Nihon Kohden, Nellcor or Masimo), NIBP, IBP, Temp, CO, esCO2 (non invasive CO – optional), BIS, O2, APCO, CO2, CO2 (mainstream and sidestream), Flow/Paw, anesthetic gas (CO2, O2, N20, agents), TOF, ventilation, CO2, EEG (aEEG), tcPO2, tcPCO2, SvO2, rSO2
C3M-1501, C3M-1502, C3M-1701, C3M-1702, C3M-1901
Display range from 12.1" to 18.5" (up to 3 displays possible)

Transport Monitor Range

Nihon Kohden
Available as Input Units
BSM-1763 (Nihon Kohden), BSM-1753 (Nellcor), BSM-1733 (Masimo)
5.7" Display, 3 multiconnectors
Measuring parameters
ECG (3/6/10 lead), Resp, SpO2 (1763–Nihon Kohden, 1753–Nellcor, 1733–Masimo), NIBP/IBP, Temp, CO (use multiconnector), esCO2 (non invasive CO – optional), BIS (use multiconnector), O2, CO2 (use multiconnector–mainstream sensor optional)

Central Monitors

Nihon Kohden
CNS9101
16-48 bed Central Monitoring Station
CNS6201
32 bed Central Monitoring Station — with transport function

Consumables for Patient Monitors
Nihon Kohden
- ECG Relay Cables
- ECG Electrodes
- ECG Gel
- SpO2 Relay Cables
- SpO2 Probes
- NIBP Hoses
- NIBP Cuffs
- IBP Cables
- IBP Transducers
- Temperature Probes
- Cardiac Output Cables
- CO2 Cables
- CO2 Adaptors
- EEG Cables
- Batteries

Capnography/Pulse Oximetry Sensors
Nihon Kohden
- Reusable Sensors
- Soft Sensors
- Finger Clip Sensors
- Ear Clip Sensors
- Disposable Sensors
- Adult, Infant, Neonatal
**Telemetry Central Stations**

**Nihon Kohden**

- **WEP-5204**
  - 4 Receivers
  - Up to 16 patients, wired and telemetry

- **WEP-5208**
  - 8 Receivers
  - Up to 16 patients, wired and telemetry

**Telemetry Transmitters**

- **ZS-611P**
  - SpO2

- **ZS-620P**
  - ECG–RESP

- **ZS-630P**
  - ECG–RESP–SpO2

- **ZS-530P**
  - ECG–RESP–SpO2

- **ZM-920P**
  - ECG–8 lead–RESP

- **ZM-930P**
  - ECG–8 lead–RESP–SpO2

- **ZS/ZM-940P**
  - ECG–8 lead–RESP–SpO2–NIBP

- **GZ-130P**
  - ECG–RESP–SpO2

**Remote Networking**

**Nihon Kohden**

- **ViTrac Unified Gateway – QP-988P**
  - Vitrac network server provides you with monitoring information on multiple patients, any time and any place

- **Mobile viewer – QP-989P**
  - App for iPad/Phone – ViTrac provides monitoring information of multiple patients on an iPhone or iPad

- **Netkonnect – QP-983P**
  - Remote Viewer Terminal Program
  - Review real time data on a networked monitor anytime and anywhere with a web browser on your PC

**Pulse Oximeters**

**Nihon Kohden**

- **OLV-4201**

**Vital Signs Monitoring**

**Nihon Kohden**

- **SVM-7162K**

**Data Access Units (DAU)**

- **JA-690P**
  - No. of Multi Connectors: 0

- **JA-694P**
  - No. of Multi Connectors: 4

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<th>Multi Connector Parameters</th>
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<td>JA-690P</td>
<td>IBP, CO2, FiO2, Resp (thermistor), AP CO, BIS, 2nd SpO2</td>
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<td>JA-694P</td>
<td>IBP, CO2, FiO2, Resp (thermistor), AP CO, BIS, 2nd SpO2</td>
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**Vital Signs Monitoring**

**SunTech Medical**

- **CT-40**

**Northern Meditec**

- **Handheld Aquarius**
Theatre Consumables

- Bentec
  - Silo Bags
  - Wall Lead / Parker
  - ET Tubes
  - VBM
  - Surgicric

- Kimai
- Dialysis Consumables
- CKCS
- Ambu
- Laryngeal Masks
- R-Vent
- Breathing Systems
- JMS
- Winged Infusion Sets

Pressure Infusion Bags
See Vascular Access section

Cuff Pressure Gauges
See Airway Management section

Merivaara

• General surgery operating tables
  - Smarter Practico

Operating Tables – Electric

- Merivaara
  - Grand Promerix

- Merivaara Operating Table Accessories and Extensions:
  - General Surgery
    - Clamps, arm, foot, bariatric and general support accessories
  - Maxillofacial & Ophthalmics
    - Range of modular patient positioning accessories
  - Bariatric Surgery
    - Range of accessories capable of supporting high patient weights
  - Gynaecology & Urology
    - Range of gynaecology and urology positioning equipment
  - Orthopaedic & Trauma
    - Range of specialist and modular orthopaedic accessories
  - Spinal & Neurosurgery
    - Specialist skull clamp and head support systems
  - Patient Positioning Aids
    - Range of modular patient positioning accessories

Operating Tables – Manual

- Aeonmed
  - OP-750
  - Merivaara
  - Rapido

Anaesthetic Machines

- Aeonmed
  - 7200, 7200A, 8300A, 8600A, 8700A, 8800A

Hospital Furniture

- Aegea
  - Hydraulic Beds, Electric Beds, ICU Beds, Gynae Beds, Stretchers, Trollies

Patient Warmers

- Augustine Temperature Management
  - Hot Dog Warming Mattresses and Blankets
  - With controller

Difficult Airways Equipment & Consumables
See Airways Management Section

Operating Tables

- OP-850

- OP-830
Resuscitators

*Ambu*
- Reusable
  - Oval Silicone
  - Oval Silicone Plus

Face Masks

*Ambu*
- Transparent Silicone Face Masks
  - Sizes: 0 - 5
- Silicone Face Masks
  - Sizes: 0A - 5

Manometers

*Ambu*
- Disposable, single use for monitoring of airway pressure

Training Manikins

*Ambu*
- Basic and Advanced Life Support
  - Baby, CPR Pal, Sam, Man Compression, Man (Basic), Junior, Man (Instrument), Man (Wireless), Airway Man (W), Defib Trainer System (W), Cardiac Care Trainer System (W), CPR Software, Airway Management Trainer, IV Trainer, Kit I, O. Access

CPR Assist Device

*Nihon Kohden*
- CPR-1100

Emergency Ventilators

*Hamilton Medical*
- Hamilton T1
  - Adult, paed. & neonatal
  - Military T1 model available
  - All modes of ventilation including (INTELLiVENT), high flow oxygen therapy, NIV and nCPAP options
  - New features: 3 wave forms, CPR capability, volume support mode

Suction

*Ambu*
- Manual
  - TwinPump, ResCue Pump, Suction Booster

Defibtech

- Semi-automatic & manual mode with 3-lead ECG monitoring capability
- Lifeline Pro ECG

Defibrillators

*Nihon Kohden*
- TEC 8300 Series
  - 8.4" colour display, ECG, AED, 12 lead ECG, SpO2, Multi connector for CO2, IBP & temperature
- TEC8321K
  - One multi connector
- TEC8322K
  - Temperature, two multi connectors
- TEC8332K
  - Temperature, two multi connectors, pacing
- TEC8342K
  - Temperature, two multi connectors, NIBP
- TEC8352K
  - Temperature, two multi connectors, NIBP, pacing

- TEC S600 Series
  - 6.5" colour display, manual defibrillator – NIBP, CO2 & SpO2, optional
  - TEC5621K
    - External paddles, disposable pads (option), internal paddles (option), 3/6 lead ECG, cardioversion, AED mode, recorder
  - TEC5631K
    - External paddles, disposable pads (option), internal paddles (option), 3/6 lead ECG, cardioversion, AED mode, recorder, external pacing

- Mark IV
- Mark III Military

Manual Suction Pump

*VBM*

PEEP Valves

*Ambu*
- Reusable
- 10cmH2O
  - Adult 10mm & baby 18mm connector
- 20cmH2O
  - Adult 10mm
- 28cmH2O
  - For respirators / CPAP system 22/19mm

- Disposable
- 28cmH2O
  - With & without adapter

EMS Defibrillator

*EMS-1052*

EMS Defibrillator

*Nihon Kohden*
- Semi-Automatic
- Cardiolife AED-3100
  - Non-rechargeable battery only
- Cardiolife AED-2152
  - With screen. Rechargeable battery option
  - Basic AED Trainer

General Emergency Medical Equipment

- Extraction Collars
  - Ambu Mini Perfit ACE®
  - Ambu Perfit ACE®
- Rescue Masks
  - Ambu Rescue Mask
  - Ambu Lifesaver
- Burnshield
- First Aid Kits
- Jump Bags
**ULTRASOUND**

**Cart-Based Ultrasound**

**Samsung HS SERIES**—A full range of high quality hybrid ultrasound systems dedicated to superior imaging for every level of scanning

HS30

HS40

**Portable Ultrasound**

**Samsung HM70 Evo**

**Terason**

Combining smart technology and robust design, the Terason systems produce crystal clear imaging for any portable environment

uSmart®3200T

uSmart®3200T Plus

**Ultrasound Consumables**

- Thermal Ultrasound
- Printing Paper
- Ultrasound Gel-250ml
- 5L
- Disposable Speculums
- Various Biopsy Guides
- TEE Probe Covers
- Disinfectant Wipes

**Applications**

- Cardiology
- General Imaging
- MSK
- Ob Gyn
- Point of Care
- Trauma
- Regional Blocks
- Urology
- Vascular
Ventilation
Hamilton Medical
Adult, Paediatric & Neonatal. Advanced ventilation modes including ASV™.

Hamilton-C1
Compact design and mobility makes it a true all-round ICU Ventilator, High-performance ICU spec with full closed loop ventilation (INTELLiVENT), High flow oxygen therapy and NIV options.

Hamilton-11—See Emergency Care

Hamilton-C3
Full closed loop ventilation (INTELLiVENT), High flow oxygen therapy

Hamilton-G5
Full closed loop ventilation (INTELLiVENT), high flow oxygen therapy. P/V Tool Pro for lung assessment, Transpulmonary pressure monitoring

Hamilton-S1
World’s first full closed loop ventilation (INTELLiVENT), high flow oxygen therapy. P/V Tool Pro for lung assessment. Transpulmonary pressure monitoring

Hamilton-C6
A new generation of high-end ventilators. The combination of modularity, ease of use, mobility, and advanced features allows you to individualise your patient’s ventilation therapy

Infant Ventilators
SLE
SLE4000
SLE5000
SLE6000

nCPAP Drivers
Medin
nCPAP, Apnea CPAP, NIPPV, SNIPPY and nasal high frequency ventilation, nasal high-flow ventilation

Hamilton-C6
A new generation of high-end ventilators. The combination of modularity, ease of use, mobility, and advanced features allows you to individualise your patient’s ventilation therapy

nCPAP Drivers
Medin
nCPAP, Apnea CPAP, NIPPV, SNIPPY and nasal high frequency ventilation, nasal high-flow ventilation

Hamilton-C4
A new generation of high-end ventilators. The combination of modularity, ease of use, mobility, and advanced features allows you to individualise your patient’s ventilation therapy

Air/Oxygen Blenders
Medin
1090
Blender with flowmeter

Cuff Pressure Controllers
Hamilton Medical
IntelliCuff®

Hospital Masks
Hamilton Medical
NIV full face and nasal masks
High flow oxygen cannula
Incubators
Fanem
Vision 2286
For ICU

Hybrid Dual Incubator & Infant Warmer
Fanem
Duetto 2386

Infant Warmers
Fanem
Ampla 2085 (Version 3)
Colour, monochrome or LED - modular with many options

Bassinets
Fanem
Hospital / home use
Panda, Oval, Koala

Apnea Monitors
Schulte Electronic
Reliable respiration monitoring
SiSS BabyControl®
SiSS BabyControl® M
Heart rate and SpO₂ monitoring
SiSS BabyControl® H
Heart rate monitoring with ECG-curve.

Phototherapy
Fanem
Super LED Technology
Bilitron 3006
Bilitron Sky 5006

Central Monitoring System
SRF618 S

Cardiotocographs
Sunray
Foetal-Maternal Monitors
SRF618 K9

Foot and Skin Mode with passive humidity
IT 158 TS
Transport – with and without integrated Babypuff resuscitator

Neonatal Consumables & Accessories
Fanem
- Oxygen Therapy Line
- Phototherapy Eye Protectors
- Babypuff Resuscitator Accessories & Consumables
- Oxygen Hoods
- Oxygen Tents

Delivery Beds
Fanem
MP-7097
**EEG**
Nihon Kohden

EEG-1200
32, 64, 128, 192, 256 channel digital EEG, with video & mapping options

EEG-1250
Compact EEG with aEEG and vital sign monitoring. For neonatal & ICU patient management, with patient monitor interface option

EEG Accessories
Nihon Kohden

Bluetooth Headset

IOM (Intraoperative Monitoring)
Nihon Kohden

MEE-1000, MEE-2000
Intraoperative monitoring systems. 16, 32 channels. Up to 25 stimulation channels

Wireless Input Unit
Nihon Kohden

WEE-1000
Up to 64 channels EEG wireless transmission

EMG
Nihon Kohden

MEB-9600
2, 4 channel EMG/EP measuring system

Ambulatory EEG
Lifelines

Trackit
Up to 37 channels including 8 poly channels

Consumables—EMG
Nihon Kohden

- EMG Leads
- EMG Electrodes
- NCS Electrodes
- EP Leads and Accessories
- Elefix (Conductive Paste)
- Skinpure (Skin Preparation Gel)
- Electrode Gel

Ambu

- Disposable EMG Concentric Needles
- Disposable Injectables (BOTOX™)
- EMG Hypodermic Needles
- Disposable EMG Monopolar Needles
- Disposable EMG Electrodes
- Disposable EMG Leads
- Disposable NCS Electrodes
- Disposable EP Electrodes
- Disposable Twisted Pair Sub-dermal Needle Electrodes
- Disposable Sub-dermal Needle Electrodes

Consumables—EEG
Nihon Kohden

- EEG Leads
- EEG Electrodes
- EEG Caps
- Elefix (Conductive Paste)
- Skinpure (Skin Preparation Gel)
- Electrode Gel

Ambu

- Disposable EEG Leads
- Disposable EEG Electrodes
- Electro-Cap
- EEG Leads
- Electro Caps
- EEG Caps

SLE
- Collodion Glue

Consumables—IOM
Nihon Kohden

- IOM Leads
- IOM Electrodes
- Elefix (Conductive Paste)
- Skinpure (Skin Preparation Gel)
- Electrode Gel

Ambu

- Disposable Cork Screw Electrodes
- IOM Disposable Concentric Probe
- IOM Disposable Bipolar Probe
- IOM Disposable Monopolar Probe
- IOM Disposable Pedicle Screw Probe
- Disposable Twisted Pair Sub-dermal Needle Electrodes
- Disposable Sub-dermal Needle Electrodes
- Disposable EMG Concentric Needles
- Disposable EMG Monopolar EMG Needles
- Disposable EMG Electrodes
- Disposable EMG Leads
- Disposable NCS Electrodes
- Disposable EP Electrodes
Diagostic Equipment: Sleep

Polysomnography Systems

Nihon Kohden
EEG1200
With sleep analysis software, video option

Philips Respironics
Alice PDX
Up to 21 channels, with ECG, EOG options

Nihon Kohden
Sphinx II
27 channels, including neuro

Lifelines
SleepWalker
18 channels, including neuro

Nihon Kohden (Neurotronics)
Nomad
16 channels, including neuro

Sleep Screening Devices–OSA

Philips Respironics
Alice Night One
Flow, pressure, SpO2, pulse, respiratory effort

Actigraphs
Philips Respironics
Pam RL–PLM Recorder

Consumables – Polysomnography

Nihon Kohden
- EEG Leads
- PSG Leads
- Elefex (Conductive Paste)
- Skinprep (Skin Preparation Gel)
- Electrode Gel
- Sleep Sensors
- SpO2 Sensors

Ambu
- Disposable EEG Leads
- Disposable PSG Leads
- Disposable Cannula
- Disposable Electrodes

Lifelines
- Sleep Diagnostic Sensors
- EEG Leads
- PSG Leads

Philips Respironics (Pro-Tech)
- Sleep Diagnostic Sensors
- Respiratory Sensors
- Disposable Nasal Flow Cannula
- Disposable Oral / Nasal Flow Cannula
- Flow Sensors
- Piezo Effort Sensors
- CPAP Sensors
- EEG Leads
- PSG Leads
- NuPrep (Skin Preparation Gel)
- Ten20 (Conductive Paste)
- Disposable Electrodes
- PAP Therapy Products
- SLE
- Collodion Adhesive

Polysmith Sleep Analysis Software

Nihon Kohden
PSG1100
32 channels, including neuro, cardiac, CO2

Nihon Kohden
Polysmith Sleep Analysis Software

Philips Respironics
Alice 6
68 channel dedicated sleep system, with video option

Lifelines
Track-It—see Neurology Section
**CPAP/BiPAP®—Sleep Devices**

*Philips Respironics*

- With optional humidifier
- Dorma 500
- Basic Auto CPAP

**Home Care Ventilators**

*Philips Respironics*

- BiPAP®—non invasive ventilators (NPPV), with optional humidifier
- DreamStation BiPAP® S/T
- DreamStation BiPAP® AVAPS

**Masks**

*Philips Respironics*

- Nasal
  - DreamWear, Wisp, Pico, Trueblue
- Pillow
  - Nuance
- Full Face
  - DreamWear
  - Amara View, Amara Gel, Amara Silicone, ComfortGel Blue Full
- Paediatric
  - Wisp Youth

**Finger Pulse Oximeters**

*MD300*

- SpO2 / Heart-rate

**Home Care Device Accessories**

*Philips Respironics*

- Heated Device Specific Humidifier
- Heated Device Specific Heated Tube Humidifier
- CPAP Tubing
- Tubing Insulators
- Oxygen Entrainment Accessories
- Battery Backup System
- DC Battery Accessories
- CPAP Accessories
- SSEM Mthembu Medical
- DC Battery backup solutions
- Portable Li-ON Backup Battery
- Portable Li-ON Solar Battery
- Charger
- CPAP Sleep Pillow
- CPAP Sleep Pillow Case

**Bronchial Hygiene**

*Philips Respironics*

- Cough Assist E70

**Oxygen Concentrators**

*Philips Respironics*

- EverFlo

**Asthma Management**

*Philips Respironics*

- Threshold PEP & Threshold IMT
- See Spirometry section

**Nebulisers**

*Philips Respironics*

- Innospire Essence Nebuliser
- Innospire Elegance Nebuliser

**Masks**

*Philips Respironics*

- Nasal
  - DreamWear, Wisp, Pico, Trueblue
- Pillow
  - Nuance
- Full Face
  - DreamWear
  - Amara View, Amara Gel, Amara Silicone, ComfortGel Blue Full
- Paediatric
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**Nebulisers**

*Philips Respironics*

- Innospire Essence Nebuliser
- Innospire Elegance Nebuliser

**Home Care Ventilators**

*Philips Respironics*

- BiPAP®—non invasive ventilators (NPPV), with optional humidifier
- DreamStation BiPAP® S/T
- DreamStation BiPAP® AVAPS

**Masks**

*Philips Respironics*

- Nasal
  - DreamWear, Wisp, Pico, Trueblue
- Pillow
  - Nuance
- Full Face
  - DreamWear
  - Amara View, Amara Gel, Amara Silicone, ComfortGel Blue Full
- Paediatric
  - Wisp Youth

**Finger Pulse Oximeters**

*MD300*

- SpO2 / Heart-rate
Blood Bags
- JMS
  - Single Blood Bags
  - Double Blood Bags
  - Triple Blood Bags
  - Quadruple Blood Bags
  - Transfer Bags (150 ml, 200 ml, 600 ml, 1000 ml)
  - Top-Bottom Blood Bag Systems T-Bex
  - Whole Blood In-Line Filters
  - Cord Blood Bag Collection Sets
  - Autologous Collection Bags
  - Dry Bags
  - Transfusion Sets

Blood Processing
- JMS
  - HemoPress
  - Automated Blood Component Separator
  - Hemosealer HS03
    - Fixed tube-sealer
  - Hemosealer HS21
    - Portable tube-sealer
  - Manual Component Extractor

Blood Collection
- JMS
  - Blood Tube Stripper
  - Hemoscale
    - Blood collection scale/mixer

Vacucare
- Blood Collection System
  - Tubes, needles, safety collection sets, tube holders, safety lancets, sharps disposal containers, Tourniquets (adult/paed.)

Comfort Donation Chairs
- Qualimed
  - ComfyCouch D4
    - Automated, for blood donation
  - ComfyCouch C2, C2F
    - Fixed site or portable
  - ComfyCouch C102
    - For apheresis & blood donation

Blood Vaccine and Organ Carriers
- WHO approved

Fluid Warmers
- Bestman
  - BFW1000
  - BFW1020

Vein Finder
- Bestman
  - BVF260

Cold Chain Management
- MedCo
  - Glass door, solid door,
  - Blood Bank Refrigerators
  - Laboratory Refrigerators
  - Medicine Refrigerators
  - Pharmaceutical Refrigerators

Blood Bank Sanitation
- Clinell has a range of disinfectant products purpose for blood bank industry
  - Clinell Spill Kits
  - Clinell 2% Chlorhexidine 70% Alcohol Wipes

Standards & Quality Control
- JMS blood bags are certified under EN ISO13485 quality management systems & are CE certified.
- The blood bags are registered in 2010 in South Africa with Medicine Control Council (MCC) under section 15 (3) (a) under Medicines & Related Substances Act 1965 (Act 101 of 1965).
- Conroy & Vacucare products are manufactured in accordance with ISO 13485:2003 quality management systems and are CE certified.
Difficult Airway Management Portfolio

Equipment
- HugeMed Video Laryngoscope
- Ambu aScope Monitor
- VBM Manujet Ventilator
- BetaCare Wall and Electric Suction
- Riester Laryngoscopes

Disposables
- Ambu aScope 4 Broncho
- Ambu VivaSight
- Ambu Aura Gain Laryngeal Mask
- VBM Laryngeal Tubes LTS-D and iLTS-D
- VBM Cricothyrotomy Quicktrach, Surgicric and Scalpel Cric Sets
- Soft-Tech Guedel Airways
- Parker ET Tubes
- Introducers, Exchangers and Stylets

Video Laryngoscopes
- HugeMed Video Laryngoscope Portable monitor system
- HugeMed Video Laryngoscope Hand-held

HugeMed Video Laryngoscope Blades
For hand-held and portable versions

Riester
- Riester ri-Integral Macintosh F.O. With blades no 2, 3 and 4
- Riester ri-Integral Miller F.O. Baby With blades no 0, 1 and 2

Riester Laryngoscope Miller Blades
MIL 0, MIL 1, MIL 2

Riester Laryngoscope Macintosh Blades
MAC0, MAC1, MAC2, MAC3, MAC4, MAC5

Disposable Broncho Scopes
- Ambu aScope Monitor
- Ambu aScope 4 Broncho
- Ambu Rhino Scope ENT
- Ambu Broncho sampler

SLV Visualisation Tubes
- Ambu VivaSight Double Lumen Tubes

Supraglottic Devices
- Ambu Laryngeal Masks: Aura Gain, Aura-i, Aura Once, Aura Straight, Aura Flex, Aura 40

VBM Laryngeal Tubes
Disposable, with gastric suction access and intubating capability
Draping Systems and Custom Solution Packs
Sembu
Comprehensive draping and custom procedural solutions for interventional radiology and cardiology applications

Percutaneous Drainage
Angiodynamics
Exodus Range of Percutaneous Drainage Catheters
Array multipurpose, Nuance nephrostomy and Believe biliary drain options. Varying French sizes. Array and Believe ranges now also available with embedded Radiopaque polymer markerbands

Access Sets
Angiodynamics
Mini Stick MAX
Cranial and non-vascular microintroducer kit

Guidewires
SP Medical

Fluid Management
Medline

Manifolds
Compensator and perceptor (with integrated transducers), Namic and Traditional. All with various configurations

Control Syringes
8ml, 10ml, 12ml, 20ml options with different handle configurations

Contrast Delivery Systems

Transducers

Pressure Monitoring Lines
Various lengths and fittings

Administration Systems

Contrast Injection Lines
500psi (35 bar) LPCIL, 1000psi (69 bar) HPCL, 1200psi (83 bar) ClearaCIL, 1200psi (83 bar) FlexCIL

Syringe Assemblies
Range of barrel sizes and styles for use in angiographic and radiology settings

Stopcock Systems
Low pressure (200psi), medium pressure (400psi) and high pressure (1050psi)

Connectors & Adaptors

Closed Waste Management Systems

Inflation Devices

Standard Seldinger Wires
Single ended, double ended, movable core

Lunderquist PTC Wires

Schüller PTC Wires

Poseidon Hydrophilic Wires
Nitinol core

PTCA Wires
Champion PTCA Cardiology Wires

PTCA
Sembu

Inflation Devices

PTCA Haemostatic Y-Pieces

Torque Devices

Essential Kits

PTCA Guidewires
**Fertility Consumables**

**MedGyn, Sembu**

Hysterosalpingography (HSG) catheters and other consumables. With HSG catheters now available from MedGyn, Sembu is supplying separate sterile catheters as well as procedural packs for testing for blockages in the fallopian tubes during fertility treatments.

**Birth Consumables**

**Sembu**

Delivery Packs & Draping Solutions

**C-Section Packs & Draping Solutions**

**Gastroschisis Treatment**

**Silo Bags**

**Chest Drainage**

**Soft-Tech**

Underwater Chest Drainage System

Adult systems, paed. systems, standalone accessories

**Oxygen Equipment**

**Soft-Tech / Betacare**

Flow Meters

**Soft-Tech / Betacare**

Regulators

**Miscellaneous**

**Soft-Tech**

Flowmeter Tailpiece

Brass and plastic options

Suction Liners

1L and 2L configurations, with and without filters

**Soft-Tech / Betacare**

Congestive Inline Filters

**Soft-Tech / Betacare**

Vacuum Extractor Cup

50mm, 60mm and 70mm options

**Suction Units**

**Soft-Tech/Betacare**

Wall-mounted Pipeline Suction

**Soft-Tech / Betacare**

Mobile Pipeline Suction

**Soft-Tech / Betacare**

Electric Suction

**MedGyn**

Hysterosalpingography (HSG) catheters and other consumables.
Central Venous Catheters
Kimal
Altius Classic Range Sets and Assemblies

IV Cannulas
Polyflex
Includes ADVA Technology
Straight hub, ported, safety.
Sizes: 14, 16, 18, 20, 22, 24, 26G

Polywin

Polysafety Adva

Polywin Safety

Kimal
Altius II Set and Assemblies

Flow Regulators
Polymed
Polyflow

Access Sets
Angiodynamics
Mini Stick MAX
Coaxial microintroducer kit

Kimal
Altius ProActiv (Antimicrobial) Set and Assemblies

Kimal
Altius Guidewire Dispenser

Kimal
Altius Classic Range Sets and Assemblies

Polymed
Novo Safety Set

Polysafety Blood Control
Arterial Catheters

Intra
Microseld Pebax, Microseld PTFE

**Catheter:** 16G–23G

**Guidewire:** 0.3mm–0.89mm, Length: 200mm–400mm

Winged Infusion Sets

JMS
19G, 21G, 23G and 25G options
Continuous, Intermittent

Dialysis Consumables

Polymed
Peritoneal
Dialysis Kits
Acute for paediatric adults

Polymed
Haemodialysis
Kits
Acute for adults

Extension Sets

Polymed
Low Volumes Extension Set

Pressure Infusion Bags

VBM
Reusable and Disposable Bags
500mL, 1L and 3L sizes
Shock resistant manometer or pressure indicator options

Disposable Pressure Transducer Kits

Sembu

Critical Care Transducers Kits
Adult, paediatric and neonatal configurations

Haemodynamic Transducer Kits
Cardiac manifold and bridge configurations

Transducer Accessories
Cables, clamps and mounts

Single Transducer Kits
—Typical configuration, with needle free access

Dual Transducer Kits
—Typical configuration, with needle free access

Dialysis Consumables

Polymed
Peritoneal
Dialysis Kits
Acute for paediatric adults

Polymed
Haemodialysis
Kits
Acute for adults

Extension Sets

Polymed
Low Volumes Extension Set

Pressure Infusion Bags

VBM
Reusable and Disposable Bags
500mL, 1L and 3L sizes
Shock resistant manometer or pressure indicator options
Washer Disinfectors
Steelco
CSSD units, large walk-in trolley washers and tunnel washers
DS750/800, DS 900/1000, TW 3000/3/4/5, TW 3000/2 Smart Tunnel
With fast cycle options and water recycling
One and two door options on most models

Steam Sterilisers (Autoclaves)
Steelco
VS1-18
Models vary according to chamber size

Small & Medium Units
Steelco
DS600, DS610
With fast cycle options

Steam Tabletop Autoclaves
IcanCLAVE
All units have water sensors, printers, and options of water distillers or water purifiers
STE8D, STE16D, STE18D, STE23D, 245T
Class B and N autoclaves from 8ℓ to 45ℓ capacity. Rapid cycle on 8ℓ only.

Low Temperature Sterilisers (Hydrogen Peroxide)
Steelco
Low temperature hydrogen peroxide gas sterilisation
PL40 (45ℓ), PL70 (80ℓ), PL130 (150ℓ)

Disinfection Accessories
Steelco
- Inserts for Washer Disinfectors
  - Surgical instruments
  - Laparoscopic equipment
  - Anaesthetic equipment
  - Baby bottles
  - LAO/endotracheal equipment
  - Theatre shoes
- Other
  - Bowls
  - Trays
  - Trolleys
- For Endoscope Washers
  - Tray inserts for flexible, rigid and videos/bronchos/bronchofibroscopes
  - Transport trolleys
  - Cassette storage units
  - Endoscope connectors and adaptors for all makes of scopes
- Detergents

Cleaning Detergents
Bawoma
- Microisol General Cleaners
  - All-purpose cleaner
  - Mist spray
  - Antisol
- Microisol Hand Hygiene
  - Hand soap
  - Hand rub
  - Hand wipes
  - Barrier cream
Dr. Weigert
- Neodisher Detergents
  - Mediclean Forte, Mediklar, FA, N, SBR, SBK, Neoblanc, IP sprays, Endo SOFT PAK, ENDO Clean, Prontop, Neoform K plus
Steelco
- Steelcoxide
  - Steelcoxide A, B and Dt

Steelmco
PROTECTIVE GEAR & LINERS

Surgical Gown

PS Pouch Sealers
Steelco
PS 300, PS 200, PS 100

Disposable Bed Liners
Disposable fitted sheet for ER and ward bedding. Laminated material, elastication on corners.

Basin Liners
Ring Basin Liner is the perfect solution for replacing disposable ring basins or eliminating the reprocessing of reusable ring basins.

Endoscope Washers (AER)
Steelco
EW 1, EW 2, EW 25-35, EPW100, Adapters and Connectors. Accommodates flexible, rigid and video/bronchoscopes.

Disposable Coverall
Non-sterile, Breathable polypropylene fabric.

Ultrasonic Washers
Steelco

Endoscopy Washers (AER)
Steelco
EW 1, EW 2, EW 25-35, EPW100, Adapters and Connectors. Accommodates flexible, rigid and video/bronchoscopes.

Bedpan Washers
Steelco
BP100M, BP100HE, BP100HLA, BP100HL2 Undercounter, wall and column versions.

Drying Cabinets
Steelco
ED 200, ED 250, ED 100, ED 150, ED 300, AD 400, BD 500 Options for drying instruments, tubing, linen and endoscopes.

CSSD Furniture
Steelco
Complete workflow solutions.

PS Pouch Sealers
Steelco
PS 300, PS 200, PS 100

Air Cleaners
Airinspace
Hepa Sentinel, Plasmair Sentinel

Disinfection options

Disposable Bed Liners
Disposable fitted sheet for ER and ward bedding. Laminated material, elastication on corners.

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EW 1, EW 2, EW 25-35, EPW100, Adapters and Connectors. Accommodates flexible, rigid and video/bronchoscopes.
MRI Ventilators

Hamilton

Hamilton-MR1
Integrated TeslaSpy. Independent air supply

MRI Patient Monitoring

MIPM

Tesla DUO
Combined monitoring of SpO2 & NIBP

MIPM

Tesla M3
MRI compatible monitoring system

Accessories–MRI

MIPM
- Skin Preparation Gel
- Wireless Pulse Oximetry Sensor
- SpO2 Adapter
- NIBP Pressure Hose
- NIBP Pressure Cuffs
- Wireless ECG Sensor
- NUPREP Gel
- ECG Electrodes for MRI

NOTES

General Note
This product overview presents a representative sample, not an exhaustive catalogue, of the range of products SSEM Mthembu Medical offers, current at the time of print. For enquiries regarding stock availability, possible discontinuation of certain product lines, and new product offerings, please contact a SSEM Mthembu Sales Representative.

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SSEM Mthembu Medical (Pty) Ltd

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CAPE TOWN
Cnr. Old Paarl & Okavango, Brackenfell, 7560
P O Box 4670, Durbanville, 7550
Tel: (021) 983-1300 Fax: (021) 981-7440

BLOEMFONTEIN
19 Brill Street, Westdene
P O Box 38625, Langenhoven Park, 9330
Tel: (051) 448-2183 Fax: (051) 430-6503

DURBAN
33 Hillclimb Road, Westmead, Pinetown, 3610
P O Box 159, Pavilion, 3611
Tel: (031) 266-5518 Fax: (031) 266-5531

EAST LONDON
1 Ajax Crescent, Cambridge, 5247
Tel: (043) 727-1241 Fax: (043) 727-0252

GQEBERHA (FKA PORT ELIZABETH)
Unit 2, 55 Mangold Street, Newton Park, 6025
Tel: (041) 363-4928 Fax: (041) 363-4781

The Pulse of Technology