PraxiMED

HOSPITAL DIAGNOSTICS

Technology at the service of the Doctor and the Hospital, to allow for a more accurate diagnosis and follow the patient in a more appropriate manner.

ECG-90

12-leads digital interpretive pocket single channel ECG

Portable device to analyze and print ECG 12- lead data results, with interpretation and measurement. Provided with touch-screen 2,8" LCD colours display and with a small intuitive keyboard, to manage ECG examinations.

Thanks to the built-in high definition thermal printer, the electrocardiograph is very fast, both with automatic and manual method. ECG-90 works either through electrical power supply or with litum battery, which can last up to 4 hour of continuous work and 150 ECG prints. This feature is particularly appreciated for patient's home examination. Provided with a software that manages the ECG examination through the computer with possibility of memory, analysis and interpretation of ECG data results.

- Real-time and continuously record of ECG data.
- Display of 3/6/12-lead ECG.
- Accurate digital filters eliminate baseline drift, electrical noise, anti-baseline drift capacity and EMG filter.
- 50 mm thermo-sensitive paper, available in rolls.
- Optional SD card stores up to 100 cases.

Acquisition method	12-lead simultaneous
Visualization	ECG data, heart rate, date and time, filters, sensitivity, print speed, alarm messages, battery charge status
Modality	automatic, manual
Measurement parameters	Heart rate, PR pauses, QPR duration, QT/QTC interval, P/QRS/T axis, RV5/SV1 range, RV5+SV1 range
Data results visualization modality	3, 6, 12 leads
Recording format	3 x 4; 6 x2; 6 x 2 + 1 rhythm; 12 x 1; 12x 1 + 1 rhythm
Recording speed	6.25, 12.5, 25, 50 mm/s,
Recording format	3 x 4; 6 x2; 6 x 2 + 1 rhythm; 12 x 1; 12x 1 + 1 rhythm
Recording speed	6.25, 12.5, 25, 50 mm/s,

Accessories

Code	Decription
CE-90	ECG 10 electrodes cable for ECG-90
BAT-90	Replacement battery for ECG-90
ALI-90	Electrical power supplì adaptor for ECG-90
PRE-90	Set of 6 pieces of precordial adult electrodes for ECG-90
PER-90	Set of 4 pieces of peripheral adult electrodes for ECG-90
PAP-90	Thermo-sensitive paper roll - 50 mm for ECG 90

IE300

12-leads digital interpretive 3 channels ECG

Biocare

iE 300 is a new generation interpretive electrocardiograph, able to acquire, print and archive ECG examinations both for adults and children. The iE 300 model has the best price-quality relationship, the best compromise as regards reliability, performance and money-saving. Lightweight, compact and easy to use, it is provided with all the analytical features of a modern ECG. The LCD 5'' colours display shows the 12 leads of the ECG data management. The configuration shortcut and the correct application of electrodes allow a qualitative examination. Thanks to the different types of reports, it is possible to obtain ECG data results with or without the automatic interpretation. It is also provided with the ECG Biocare CardioPro analysis software, in compliance with the rigid evaluation standards of CSE database, to ensure a high accuracy and reliability both in measurement and during interpretation of ECG data results (sensitivity, detection peculiarity and QRS analysis at 99%). The exclusive analysis module for children or pediatric patients, with the 250 Hz low-pass filter, fulfills the last standars: AHA/ACC/HRS 2007.

- Analysis applies the last Minnesota codes.
- Sampling method up to 300 seconds of heart rate, to evaluate the presence of possible arrhythmias.
- Software provided with digital filters or self-adapting filters, to eliminate artificial results without ECG and ST segment data distortion.
- Memory function up to 1.500 ECG data results and patient's data.
- Thermosensitive 80 mm paper, available in rolls.
- Peripheral ports: 2 USB, LAN port, for data transfer and software update.
- Built-in rechargeable lithium battery for 3 hour continuous work.
- Onscreen operation guide to check the ECG procedure.
- Voice reminder and visual alarming for lead-off, low battery and no paper.

Acquisition method	12-lead simultaneous
Visualization	ECG data, heart rate, time, print mode, filters, sensitivity, print speed, system prompt, alarm messages, battery charge status indicator, sound volume level.
Modality	Automatic, manual, rhythm source.
Measurement parameters	Heart rate, PR pauses, QPR duration, QT/QTC interval, P/QRS/T axis, RV5/SV1 range, RV5+SV1 range
Data results visualization modality	1. Whole display: 3 x 4, 3 x 4 + 1 rhythm, 12 x 1, 12 x 1 + 1 rhythm. 2. Separated display: 3 x 4 , 3 x 4 +1 rhythm
Recording format	ECG data results, simple recording, detailed recording, median heart beats recording (MVB) 3 x 4; 3 x 4 + 1 rhythm - 1 x 12; 1 x 12 + 1 rhythm
Recording speed	5, 6.25, 10, 12.5, 25, 50 mm/s, ±5 %
Pacemaker detection	Weak, normal, greater intensity
QTC evaluation formula	Bazett, Fridercia, Framingham, Hodges
Data format	ECG Biocare private format

IE6

12-leads digital interpretive 6 channels ECG

Biocare iE6 electrocardiograph is the perfect choice for demanding surgeons. Its advanced technology and the multiple data managing system, it provides an accurate interpretation and reliable measurements of ECG procedures. Lightweight (only 2,3 kg), it becomes easy to carry also for patient's home examinations. Provided with a TFT touch-screen 8" high definition colours display, 15° inclinable, it ensures a great view, thanks to the antiglare screen.
As the iE3 model, it is provided with the ECG Biocare CardioPro analysis software and the analysis module for children or pediatric patients, which fulfills the last standars: AHA/ACC/HRS 2007.

- Exclusive ECG analysis module with independent and interchangeable leads.
- Analysis applies the last Minnesota codes.
- Supports single rhythm and three rhythms analysis, for analysis from 30 to 300 seconds.
- Software provided with digital filters or self-adapting filters, to eliminate artificial results without ECG and ST segment data distortion.
- Automatic print of ECG data, in case of arrhythmias detection during examinations.
- Additional extended print to examinate important arrhythmia cases.
- Up to 300 seconds of saved data results on screen, to help analysing problematic patient's results, like old people or agitated children.

- Thermosensitive 112 mm paper, available in packs.
- Memory function up to 1.500 ECG data results and patient's data.
- Multiple peripheral ports available: SD card, USB, LAN, WiFi (optional) for data transfer and software update.
- Rechargeable built-in lithium battery for 3 hour continuous work.
- QWERTY silicone keyboard, to quickly insert patient's i silicone keyboard, to quickly insert patient's information.
- Supports barcode scanner, to quickly insert patient's information.
- Onscreen operation guide to check the ECG procedure.
- Voice reminder and visual alarming for lead-off, low battery and no paper.

Acquisition method	12-lead simultaneous
Visualization	ECG data, heart rate, date and time, print mode, filters, sensitivity, print speed, system prompt, alarm messages, battery charge status indicator, sound volume level.
Modality	Automatic, manual, rhythm source.
Measurement parameters	Frequenza cardiaca, intervallo PR, durata QRS, intervallo QT/QTC, assi P/QRS/T, ampiez- za RV5/SV1, ampiezza RV5+SV1
Data results visualization modality	1. Whole display: 3 x 4; 3 x 4 + 1 rhythm; 6 x 2; 6 x 2 + 1 rhythm; 12 x 1 2. Separated display: 3 x 4; 3 x 4 + 1 rhythm; 6 x 2, 6 x 2 + 1 rhythm; 12 x 1
Recording format	ECG data results, simple recording, detailed recording, median heart beats recording (MVB)
Recording speed	5, 6.25, 10, 12.5, 25, 50 mm/s, ±5 %
Pacemaker detection	weak, normal, greater intensity
QTC evaluation formula	Bazett, Fridercia, Framingham, Hodges
Data format	ECG Biocare private format, DICOM, XML, JPG

IE12A

12-leads digital interpretive 12 channels ECG

iE12A model is a sturdy, reliable and precise electrocardiograph, particularly suited for many daily examinations. Its modern and functional design allows to supervise ECG data results on a wide touch-screen 8,9" colours display, while inserting patient's information on the alphanumeric keyboard with backlight, or through a barcode scanner. The data recording activates automatically when a case of arrhythmia is detected.

The analysis software allows evaluating the R-R interval, the arrhythmia cases, the Cabrera derivations and, by choice, a simple or detailed measurement and interpretation report. Moreover, the ECG can be analysed according to Minnesota codes or through CSE and AHA databases.

Frequency from 0.05 to 250 Hz, perfect for pediatric use.

- Exclusive ECG analysis module with independent and interchangeable leads, with possibility of the examination control, printing and screen freezing.
- Real time ECG results memory, to analyse up to 300 seconds of examination in "full disclosure" format on each of the 12 leads.
- Software provided with digital filters or self-adapting filters, to eliminate artificial results without ECG and ST segment data distortion.
- Thermosensitive A4 paper, available in Z-fold packs
- Memory function up to 1.500 ECG data results and patient's data.
- Multiple peripheral ports available: VGA, SD card, USB, LAN, WiFi (optional) for data transfer and software update.
- Rechargeable built-in lithium battery for 2 hour continuous work.
- QWERTY waterproof silicone keyboard, to quickly insert patient's information.
- Supports barcode scanner, to quickly insert patient's information.
- Onscreen operation guide to check the ECG procedure.
- Voice reminder and visual alarming for lead-off, low battery and no paper.

Acquisition method	12-lead simultaneous
Visualization	ECG data, heart rate, date and time, print mode, filters, sensitivity, print speed, system prompt, alarm messages, battery charge status indicator, sound volume level.
Modality	Automatic, manual, rhythm source, auto-trigger, economic, cyclic
Measurement parameters	Heart rate, PR intervent, QRS duration, QT/QTC interval, P/QRS/T axis, RV5/SV1 range, RV5+SV1 range
Data results visualization modality	12-lead simultaneous, selectable rhythm source, 3 x 4, 6 x 2, 12 x 1, Cabrera derivations
Recording format	3 x 4; 3 x 4 + 1 rhythm; 3 x 4 + 3 rhythm; 6 x 2; 6 x 2 + 1 rhythm; 6 x 2 + 3 rhythm; 12 x 1; 12 x 1 + 1 rhythm; 12 x 1 + 3 rhythm – paper-saving mode - Cabrera derivations
Recording speed	5, 6.25, 10, 12.5, 25, 50 mm/s, ±5 %
Pacemaker detection	weak, normal, greater intensity
Data format	DICOM, XML, JPG, PDF

iE10 KIT

12-lead digital and interpretative electrocardiograph BIOCARE iE10

Portable tablet electrocardiograph, to acquire, analyse and store the 12-lead ECG trace.

7" color liquid crystal touch screen display that allows to simultaneously view the 12-lead ECG trace and general information in a vertical and horizontal position.

Operating mode selectable between manual, automatic and stored exam loading.

Accurate and reliable interpretation thanks to the Biocare CardioPro ECG analysis program, which complies with the strict evaluation standards of the CSE database, to ensure high accuracy and reliability in both measurements and interpretation of the ECG trace. 99% sensitivity and specificity of QRS detection and analysis.

Complete program of digital filters and self-adapting filters, which allows the elimination of artifacts without distorting the ECG trace; the 0.01 Hz frequency of the high pass filter contributes to distortion-free measurements and analysis of the ST segment.

The unique paediatric analysis software module, with the 250 Hz low pass filter, meets the latest AHA / ACC / HRS 2007 standards. Application of the latest Minnesota codes.

Pacemaker impulse recognition function. Up to 300 seconds of frozen trace on video.

Automatic recording of the trace in case of cardiac arrhythmia.

Operation guide on the color display to verify the ECG trace acquisition procedures.

Equipped with a frequency response from 0.05 to 250 Hz, ideal for a precise diagnosis in the paediatric field.

Recording formats:
- 3x4 + 1 leads
- 3x4 + 3 leads
- 6x2 + 1 leads
- 12x1

Available reports:
- Simple and without any interpretation
- Detailed with complete measurements and interpretation
- Medial heartbeats and interpretation

Characteristics:
- real-time trace freezing function to analyse up to 300 seconds of ECG trace in full disclosure format on all 12 leads;
- storage capacity of up to 3,000 ECG trace files and patient data;
- available devices - SD card, USB;
- built-in rechargeable lithium battery that allows a working autonomy of up to 4 hours of continuous use;

Stored ECG trace data can be printed by connecting to an external laser printer and can be transferred with USB or SD card connection.

By connecting to a personal computer wirelessly, it is possible to upload ECG traces and download exam reports, using the Biocare ECG-1000 software.

Acquisition Mode	12-lead simultaneous
Display	ECG data, heart rate, date and time, print mode, filters, sensitivity, print speed, system prompt, alarm messages, battery charge status indicator, sound volume level.
Mode	Automatic, manual, rhythm source
Measurement Parameters	Heart rate, PR interval, QRS duration, QT/QTc interval, P/QRS/T axes, RV5/SV1 amplitude, RV5+SV1 amplitude
Display Mode Trace	12-lead simultaneous, selectable rhythm source, 3 x 4, 6 x 2, 12 x 1, Cabrera derivations
Recording Format	3 x 4; 3 x 4 + 1 rhythm; 3 x 4 + 3 rhythm; 6 x 2 + 1 rhythm; 12 x 1
Recording Speed	5, 6.25, 10, 12.5, 25, 50 mm/s, ±5 %
Pacemaker Detection	weak, normal, greater intensity
Data Format	DICOM, XML, JPG, PDF

ECG-2000

12-leads digital interpretive computer-based 12 channels ECG

ECG-2000 is a computer-based digital electrocardiograph, suitable for Microsoft Windows operating systems. Compared to a traditional ECG, it allows using a personal computer to acquire, analyze, print and archive the ECG examinations, through a dedicated software.

ECG-2000 has an instantaneous 12 leads acquisition, but can become a 15-leads device by connecting the precordial additional leads. The analysis software allows evaluating the R-R interval, the arrhythmia cases, the Cabrera derivations and, by choice, a simple or detailed measurement and interpretation report. The ECG can be analysed according to Minnesota codes or through CSE and AHA databases.

The VCG analysis system provides further benefits for ventricular and right atrium hypertrophy diagnosis, conduction block, myocardial infarction, coronary artery VBI and pre-excitation syndrome.

- Exclusive ECG analysis module with independent and interchangeable leads, with possibility of the examination control, printing and screen freezing.
- A particular function helps to detect and analyze the heartbeats stimulated by a Pacemaker, during automatic recording.
- For advanced analysis, it evaluates the ventricular late potentials, the hart rate variability, the high frequency ECG spectral analysis, the heart rate turbolence and the QT dispersion (QTd).
- Maximum data storage, taking advantage of the computer hard disc.
- Onscreen operation guide to check the ECG procedure.
- Voice reminder and visual alarming for leadoff electrodes.

Operating system	Microsoft Windows XP, Vista, 7, 8
Acquisition method	12/15-lead simultaneous
Visualization	ECG data, heart rate, date and time, print mode, filters, sensitivity, print speed, alarm messages.
Modality	automatic, manual, rhythm source, auto-trigger, economic, cyclic
Measurement parameters	Heart rate, PR intervent, QRS duration, QT/QTC interval, P/QRS/T axis, RV5/SV1 range, RV5+SV1 range
Data results visualization modality	12/15-lead simultaneous, selectable rhythm source
Recording format	3 x 4 + 1 rhythm; 3 x 4 + 3 rhythm; - 6 x 2; 6 x 2 + 1 rhythm; 12 x 1; – 3 x 5 + 1 rhythm; 3 x5 + 3 rhythm
Recording speed	12.5, 25, 50 mm/s, ±5 %
Automatic memory recording	Yes
Data format	DICOM, XML, JPG, BMP, PDF, Word

ECG-1000A | Software ECG

Biocare

Software for Microsoft Windows operating systems to transfer ECG examinations from Biocare devices to personal computer, through serial port connection, USB and LAN connection.

The examinations saved on interpretive electrocardiograph can be recorded, analyzed and printed with a traditional PC.

The analysis software allows evaluating the R-R interval, the arrhythmia cases, the Cabrera derivations and, by choice, a simple or detailed measurement and interpretation report.

The VCG analysis system provides further benefits for ventricular and right atrium hypertrophy diagnosis, conduction block, myocardial infarction, coronary artery VBI and pre-excitation syndrome.

Maximum data storage, taking advantage of the computer hard disk.

Operating system	Microsoft Windows XP/Vista /Win7/Win8
Visualization	ECG data, heart rate, time, print mode, filters, sensitivity, print speed
Modality	automatic, manual, rhythm source
Measurement parameters	Heart rate, PR intervent, QRS duration, QT/QTC interval, P/QRS/T axis, RV5/SV1 range, RV5+SV1 range
Data results visualization modality	12/15-lead simultaneous, selectable rhythm source
Recording format	3 x 4 + 1 rhythm; 6 x 2; 6 x 2 + 1 rhythm; 3 x 5 + 1 rhythm; 6+9 + 1 rhythm
Recording speed	12.5, 25, 50, 100 mm/s, ±5 %
Automatic memory recording	Yes
Data format	DICOM, XML, JPG, BMP

Accessories

for iE300

Code	Description
60101035	10-lead ECG cable with banana terminals
60201021	Thermosensitive paper roll, 80 mm x 20 m
02030046	11.1 V - 5,800 mAh battery
02055004	Power cable

for iE6

Code	Description
50100069	Acquisition box with 12-lead independent ECG cable, banana terminals
02059027	Set of 10 single cables for ECG data acquisition box, banana terminals
60201011	Thermosensitive paper roll, 112 mm x 140 m
02030010	14.8 V - 2,200 mAh battery
02130121	Mains power adapter
02055027	Power cable

for iE12A

Code	Description
60101035-01	10-lead ECG cable with banana terminals
60201014	Thermosensitive paper pack, 210 x 150 mm x 200 sheets
02030028	14.8 V - 4,400 mAh battery
02130121	Mains power adapter
02055027	Power cable

for iE10

Code	Description
60101041	10-lead ECG cable with snap button terminals
10200018	Barcode reader
02130184	Mains power adapter

for ECG-2000

Code	Description
50100061	Acquisition box with 12-lead independent ECG cable, banana terminals
02059027	Set of 10 single cables for ECG data acquisition box, banana terminals
50100072	USB dongle for advanced 12-lead ECG analysis

for all Biocare ECG

Code	Description
60401013	Set of 6 precordial electrodes for children
60401007	Set of 6 precordial electrodes for adults
60401008	Set of 4 limb electrodes for adults and children
50112000	Set of 4 limb electrodes for adults and children
90500001	Cart for electrocardiographs with metal support pole for the ECG cable

iM8

Multi-parameter monitor
Vital Sign Biocare iM8

iM8 multi-parameter monitor for viewing and checking patient vital signs such as non-invasive blood pressure, oxygen saturation and temperature.

Suitable for occasional or continuous monitoring both in normal conditions and in emergency situations. High resolution TFT LCD + LED display.

External SD flash card for saving and transferring data.

Other parameters can be detected using optional modules such as the electrocardiographic signal (ECG) and the concentration of CO2 in the final phase of exhalation (EtCO2).

Detected parameters:
- Blood oxygen saturation;
- Non-invasive blood pressure;
- Body temperature.

Characteristics:
- Acoustic and visual alerts configurable for each parameter;
- Large internal storage capacity with 1,500 hours of traces and 4,000 data groups;
- Resistant to falls from up to 1.5 m in height;
- Ethernet / Wi-Fi connection for data transfer (optional);
- Plug & Play thermal printer (optional);
- Comfortable carrying handle;
- Mains power supply and internal rechargeable lithium battery, which allows up to 10 hours of continuous use.

Heart rate range	adults: 20~ 300 bpm - infants/pediatric: 20 ~ 350 pbm
SpO2	Photoplethysmography sensor
SpO2 measurement range	0 ~ 100 %
Temperature	2 channels
Temperature measurement range	0 ~ 50 ℃
Non-invasive blood pressure	Oscillometric measuring
Parameters	Systolic, diastolic blood pressure and heart rate
Working method	Manual, automatic
Dimensions	250 x 180 x 180 mm
Weight	2 kg (including battery)

PM-900 | Multi-parameter monitor with printer

Bedside and portable vital signs monitoring system. Also suitable for use in the operating room, intensive and semi-intensive care, coronary care units for adult patients and in the paediatric and neonatal setting. Monitor with 12.1" active matrix color screen, with 5 traces. Intuitive and configurable software interface with buttons and front wheel for quick access to the main functions of the monitor.

Detected parameters:
- 5-leads ECG;
- Blood oxygen saturation;
- Breathing rate;
- Non-invasive blood pressure;
- Body temperature;
- Acoustic and visual alerts configurable for each parameter.

Memory of:
- 480 hours of graphic and numeric trends for each parameter;
- Systolic, diastolic blood pressure and heart rate values;
- 700 recorded alert events.
- PM-900 is a monitor that can be connected to a monitoring centre with LAN or wireless connection (optional)
- comfortable carrying handle;
- selection of different video interfaces: display with traces and numerical values, enlarged number display and oxi-cardiogram;
- mains power supply or with internal rechargeable lithium battery, which allows more than two hours of operation in continuous use.

ECG	5 leads
Heart rate range	Adults: 15 -300 bpm –children: 15-350 bpm – infants: 15-350 bpm
Breath	Chest impedance method
Breath measurement range	Adult: 0 - 120 rpm – infant or pediatric: 0 -150 rpm
SpO2	Photoplethysmography sensor
SpO2 measurement range	0 ~ 100%
Temperature	2 channels
Temperature measurement range	0 ~ 50 °C
Non-invasive blood pressure	Oscillometric measuring
Parameters	Systolic, diastolic blood pressure and heart rate
Working method	Manual, automatic
Dimensions	315 x 138 x 303 mm
Weight	4 kg

IM12

Multi-parameter patient monitor with built-in printer

Biocare

Vital sign parameters portable bedside monitoring system.
Perfect to be used also in the operating room, intensive and semi-intensive therapy, coronary care unit, for adults and for pediatric use.
Active matrix 12,1'' colour display, 5 waveforms. Intuitive software interface, programmable with buttons and front control knob for a fast access to all the main functions.
Front buttons made of durable silicone, provided with backlight.

Detected values:
- 5-leads ECG.
- Oxygen saturation.
- Respiration rate.
- Non-invasive blood pressure.
- Body temperature.

Sound and visual alarming, adjustable for each parameter. Data storage of:
- 480 hour diagrams and numeric trend for all parameters.
- 1.000 values of systolic and diastolic pressure and heart rate.
- 700 alarm cases recorded.
- 2 hours of ECG waveforms.

Analysis 23 types of arrhythmia and ST segment.
12-leads optional ECG for an accurate arrhythmias and data analysis. IM-12 software provides medicine concentration calculation, hemodynamic and renal function calculations, oxygenation and ventilation. iM-12 is a configurable monitor which can be connected to a monitoring central system with LAN or wireless (optional) connection.
- Selection of different video interfaces: display with waveforms and numeric values, display with enlarged numbers and oxi-cardiogram.
- Bed attachment.
- Filter for electrosurgical units and defibrillator.
- Convenient transport handle.
- Powered by electricity or by a lithium rechargeable battery, for 10 hour continuous work.
- USB connection for the sofware update also supports keyboard and mouse connection.
- VGA output for external monitor (optional).
- Nurse call function and bidirectional communication with the central control system (optional).
- Maximum SpO2 module (optional).

ECG	5-leads – 12-leads (optional)
Heart rate range	adults: 15 -300 bpm – children: 15-350 bpm – newborns: 15-350 bpm
Resp	Thoracic impedance method
Respiration measurement range	adult: 0 - 120 rpm – pediatric and newborns: 0 -150 rpm
SpO2	Photoplethysmographic sensor
SpO2 measurement range	0 ~ 100%
Temperature	2 channels
Temperature measurement range	0 ~ 50 °C
Non-invasive blood pressure	Oscillometric measurement method
Parameters	Systolic and diastolic pressure, heart rate
Modality	manual, automatic
Dimensions	310 x 163 x 285 mm
Weight	4,8 kg

Accessories | Monitor BIOCARE PM-900

	Description
60103040	5-lead ECG cable
60303010	Adult surface temperature reusable sensor
60303017	Adult rectal temperature reusable sensor
60303034	SpO2 pediatric reusable finger sensor
60303035	SpO2 newborns reusable finger sensor
60303033	SpO2 newborns reusable coil sensor
60303028	SpO2 pediatric reusable coil sensor
60303008	SpO2 adult reusable finger sensor
60103039	Extension cable for SpO2 sensor
60503035	Reusable cuff for newborns - arm circumference 10 - 19 cm
60503036	Reusable pediatric cuff - arm circumference 18 - 26 cm
60503020	Reusable adult cuff – arm circumference 25 - 35 cm
60503037	Extension cable for cuffs - length 2 m
60203000	Carta termosensible para monitor PM-900 e IM-12 rotolo de 50 mm x 20 m

Modules | Monitor BIOCARE PM-900

	Description
60603053	EtCO2 external sidestream module, Kingst model (module without accessories)
60003054	Adult hydrophobic filter for EtCO2 module
60003053	Sampling tube for EtCO2 module
60003052	3 channels connector for EtCO2 module
60603001	2 channels invasive pressure module, with basic accessories included
60103025	Invasive pressure module cable
60003001	Transducer for invasive pressure module

Accessories | Monitor BIOCARE IM12

	Description
60103012	ECG 5-leads cable
60303040	Adult surface temperature reusable sensor
60303055	Pediatric and newborns surface temperature reusable sensor
60303049	Adult rectal temperature reusable sensor
60303058	Pediatric and newborns rectal temperature reusable sensor
60303083	Single-use esophageal temperature sensor
60303057	Extension cable for temperature sensors
60303053	SpO2 pediatric reusable finger sensor
60303054	SpO2 reusable finger sensor for newborns
60303039	SpO2 adult reusable finger sensor
60103014	Extension cable for SpO2 sensors
60503039	Reusable adult cuff – arm circumference: 25 - 35 cm, with connector
60503063	Reusable overweight adults cuff – arm circumference: 33 - 47 cm, with connector
60503061	Reusable thigh cuff - arm circumference: 42 - 54 cm, with connector
60503051	Reusable pediatric cuff - arm circumference: 18 - 26 cm
60503052	Reusable newborns cuff - arm circumference: 7 - 18 cm
60203000	Thermo-sensitive paper for PM-900 e Im12 monitors - 50 mm x 20 m roll

Modules | Monitor BIOCARE IM12

	Description
503-12-206008	EtCO2 inner sidestream module, Kingst model, with accessories included.
60003073	Condensation collection ampoule for EtCO2 module
60003055	Condensation collection ampoule support
60003053	Sampling tube for EtCO2 module
60003052	3 channels connector for EtCO2 module
IBP-CO	Invasive pressure and cardiac output connector
60103015	Cable for invasive pressure module with Abbott connector
60003043	Transducer for invasive pressure module with Abbott connector
02059024	Cable for invasive pressure module with Uta connector
60003013	Transducer for invasive pressure module with Uta connector
02059025	Cable for invasive pressure module with Edward connector
60003035	Transducer for invasive pressure module with Edward connector
503-12-900000	Multi-function cable for cardiac output module

Intermed surgical aspirators

They are used for the nasal, oral, tracheal aspiration of the body fluids both in adults and children. These devices are assembled on a highly heat resistant, electrically insulated plastic material, in conformity with the latest European safety standard. Provided with a polycarbonate reusable autoclavable jar with overflow valve, aspiration regulator and vacuum indicator located on the front panel and antibacterial filter.

Particularly suitable for hospital use and transport, minor surgical applications and post-operative therapy, for continuous use. All the aspirators are supplied with conical connector and antibacterial and hydrophobic filter.

LIFEMED 15 | Surgical aspirator unit - 15 liters/minute

The aspirator is provided with:
- 1000 cc. collection jar
- CH 20 Probe
- Transparent silicone Ø 6 x 10 mm tube.

Working	Airflow	Vacuum limit	Weight	Jar capacity
Continuous	15 l/min.	0,75 bar	2,2 kg	1000 cc

LIFEMED 20 | Surgical aspirator unit - 16 liters/minute

The aspirator is provided with:
- 1000 cc. collection jar
- CH 20 Probe
- Tubes

Working	Airflow	Vacuum limit	Weight	Jar capacity
Continuous	16 l/min.	0,75 bar	2,5 kg	1000 cc

LIFEMED 40 | Surgical aspirator unit - 40 liters/minute

Works with 220V electric power supply.
It is provided with:
- 1000 cc. collection jar
- CH 20 Probe
- Transparent silicone Ø 6 x 10 mm tube.

Working	Airflow	Vacuum limit	Weight	Jar capacity
Continuous	40 l/min.	0,80 bar	3,6 kg	1000 cc

LIFEMED 90 | Surgical aspirator unit - 90 liters/minute

Works with 220V electric power supply.
It is provided with:
- Two 2000 cc. collection jars
- Transparent silicone Ø 8 x 14 mm tubes.

Working	Airflow	Vacuum limit	Weight	Jar capacity
Continuous	90 l/min.	0,90 bar	20 kg	2000 cc x 2 jars

Hospital supplies and equipment

Disposable equipment suitable for different needs of hospital and surgery working environment. Sterile and non-sterile gloves, incontinence aids, organic product containers, surgery tools and accessories. An important showcase where it is possible to find the perfect equipment for daily necessities.

641102 | Single-use sterile scalpels

Swann-Morton®

Scalpels provided with stainless steel blades, in compliance with ISO 7153 and ISO 7740 standards, blade thickness: 0,40 mm. Plastic handle solidly fixed to the blade, with replaceable polythene 0,6 mm blade guard. Gamma rays sterilised.
Comes in a single sterile package with case, for medical use. 10 pieces box.

Code	Blade fitment
641102.10	10
641102.11	11
641102.12	12
641102.15T	15T
641102.20	20
641102.21	21
641102.22	22
641102.23	23
641102.24	24

611104 | Single-use sterile scalpel blades

Swann-Morton®

Single-use blades for scalpels, made of stainless steel, in compliance with ISO 7153 and ISO 7740 standards, blade thickness: 0,40 mm. Gamma rays sterilised, they come in a single sterile package, in aluminium case.
100 pieces box.

Code	Blade fitment
611104.10	10
611104.11	11
611104.12	12
611104.15T	15T
611104.20	20
611104.21	21
611104.22	22
611104.23	23
611104.24	24

PM-560 | 24h urine collection container – 2,5 liters

Dedicated to urine collection for 24 hours. Made of polyethilene with ergonomic handle and screw spout cap. 2500 ml jug.

PM-575 | 24h urine collection container – 2 liters

Dedicated to urine collection for 24 hours. Made of polyethilene with ergonomic handle. 2000 ml jug

PM-576
PM-599 | Urine collection container

Made of transparent polypropylene. Provided with screw cap and writable surface for patient's information. 120 ml capacity, sterile and available in two different versions: with or without case.

Code	Description
PM-576	With case
PM-599	Without case

PM-600 | Urine collection container with vacuum cap

Made of transparent polypropylene. Provided with screw cap which includes a cannula with a needle inside; the sample is sucked by vacuum into the tube.
Writable surface for patient's information, 120 ml capacity, sterile and with case.

PM-577 | Stool collection container

Sterile Container for faeces sample collection (stooll test). Made of transparent polypropylene. Provided with screw cap and 60 ml capacity.

PM-578 PM-597 | Sterile urine test tubes

Conical polypropylene tube, provided with screw cap. 12 ml capacity, sterile and available with or without case.

Code	Description
PM-578	With case
PM-597	Without case

PM-556 PM-559 | Bedpan

Reusable white polyethylene bedpan with standard or curved handle.1000 ml lcapacity.
Multiple packaging: 20 pieces.

Code	Handle type
PM-556	Standard
PM-559	Curved

PM-601 | Bedpan lid

Polypropylene bedpan lid with handle.

PM-557 | Male urinal

1000 ml male urinal, graduated and made of neutral polyethylene.
Single packaging; I multiple packaging contains 60 pieces. Without lid.

PM-572 | Male urinal with lid

1000 ml male urinal, graduated and made of neutral polyethylene, provided with lid. Single Ipackaging, multiple packaging contains 60 pieces.

Lid with hook made of neutral polyethylene.

CN-100.558 | PVC enema

PVC enema provided with rectal and vaginal cannula. Comes with case.

CN-100.65x | Rubber Sheet

Rubber mattress protector sheet with fixing rings for easy application. The waterproof surface prevents liquids from penetrating the mattress.

Code	Strip Size
CN-100.651	60 x 90 cm
CN-100.652	70 x 90 cm
CN-100.653	90 x 100 cm
CN-100.654	90 x 120 cm
CN-100.655	90 x 150 cm
CN-100.656	90 x 180 cm
CN-100.657	90 x 200 cm

DRESSING

3M

Complete selection of basic and advanced dressings, and products useful to prevent skin redness caused by body fluids contact.
3M products range is characterized for the high quality of materials, for tapes that do not leave residues on the skin and for the wide types of areas to be cured.

On completing of this selection, 3M has developed an electrode range for heart monitoring for short or long time and for special applications, using supports and tapes in common with some of the most traditional dressings.

STERI STRIP R
Wound closure system

3M Steri-Strip is a wound closure tape made of non-woven fabric, hypoallergenic and microporous, reinforced by longitudinal polyester fibers. These fibers make the tape able to bear the stretching coming from the woung. The support is made of rayon crossed fibers that create a microporous structure and permeable to steam, ensuring wound aeration and avoiding skin damages. The tape is made of an hypoallergenic acrylic copolymer, high resistant to the horizontal traction thanks to its excellent durable grip.

After 24 hours from the 3M Steri-Strip tape application, the real strength appears and stays unchanged for days.

The tape removal is atraumatic, since the adhesive ability easily collapses to vertical traction.

These strips are suitable to close cuts and surgical wounds, for plastic surgery and for children.

3M Steri-Strip can also be used for metallic or cord suture, to give support to the wound and to minimize the risk of abscess or necrosis. They perfectly stick to the skin for a long time and they can be easily removed.

For professional use only.

- Crossed rayon fibers.
- Adhesive side made of acrylic copolymer that ensures an excellent skin tolerance and a low risk of allergic reactions.
- Atraumatic removal and with minimal adhesive residue upon removal.
- Does not contain latex or natural rubber.

Code	Size	Colour	Primary packaging	Secondary packaging
1540 R	3 x 75 mm	Purple	50 bags with 5 strips each	250 pieces
1541 R	6 x 75 mm	Red	50 bags with 3 strips each	150 pieces
1542 R	6 x 38 mm	Green	50 bags with 6 strips each	300 pieces
1546 R	6 x 100 mm	Orange	50 bags with 10 strips each	500 pieces
1547 R	12 x 100 mm	Blue	50 bags with 6 strips each	300 pieces
1548 R	25 x 125 mm	Ochre	50 bags with 4 strips each	100 pieces
1549 R	12 x 50 mm	Gray	50 bags with 6 strips each	300 pieces

1528

MICROFOAM
Band aid

3M Microfoam is a specific elastic surgical tape, made of soft PVC, waterproof and fluid-resistant.

Multi-directional stretch to accommodate swelling and promote comfort, perfectly adapting to the body. The elastic foam stretches for compression applications or securing dressings on challenging areas, like knees, elbows, shoulders and hips.

On the back of the tape there's a low adherence substance that facilitates the reel unrolling, avoiding residues to remain on the back of the strip.

Suitable for compression dressings and provides cushioning for bony areas.

For professional use only.

- Made of PVC, water-resistant.
- Adhesive side made of acrylates mixture, for an excellent skin tolerance and allergic reactions reduction.

Code	Width	Length	Package
1528 A	25 mm	5 m	12 rolls
1528 B	51 mm	5 m	6 rolls
1528 C	76 mm	5 m	4 rolls
1528 D	102 mm	5 m	3 rolls

1530

MICROPORE TNT
surgical tape

3M Micropore is a surgical tape made of nonwoven fabric that ensures a perfect comfort and is highly breathable, thanks to the micropores homogeneously arranged on the surface.

The fibers weave allows a correct air and oxygen flow, respecting skin functions and reducing the risk of skin damages and avoiding the product detachment. Provided with hypoallergenic adhesive designed to be used on patients with sensitive skin.

3M Micropore Tape, being porous, is not waterproof, therefore fluids exposure can reduce the skin attachment capability. On the back of the tape there's a low adherence substance that facilitates the reel unrolling, avoiding residues to remain on the back of the strip.

Suited for flat dressings, to secure tubes, probes and cannulas. Perfect for users with particularly delicate and sensitive skin, like old people and children and when repeated taping is needed. For professional use only.

Nonwoven fabric fibers;

- Strip thickness is only 0,127 cm, therefore is very conformable;
- Adhesive side made of acrylates mixture, for an excellent skin tolerance and allergic reactions reduction.

Code	Width	Length	Package
1530 A	12,5 (13) mm	9,14 m	24 rolls
1530 B	25 mm	9,14 m	12 rolls
1530 D	51 mm	9,14 m	6 rolls
1530 F	76 mm	9,14 m	4 rolls

1527

TRANSPORE
surgical plastic tape

3M Transpore is a transparent, perforated plastic elastic surgical tape.
Its features ensure steam flow and air flow, avoiding the risks of skin damages.
The elasticty allows applying it on moving body areas. It is water and fluid-resistant and the transparent colour allows to check the condition of the treated skin.
The perforated polyethylene support ensures a perfect air and oxygen flow, respecting skin functions and reducing any possible skin damage. The tape is hypoallergenic and ensures an optimal adhesion, without injuries or residues on the skin upon removal. Thanks to the bi-directional tear, there is no need of using scissors. On the back of the tape there's a low adherence substance that facilitates the reel unrolling, avoiding residues to remain on the back of the strip. Suitable for dressings on moving body areas (joints, eyes...) and to secure tubing, catheters or other devices.
• Perforated polyethylene, water-resistant.
• Adhesive side made of acrylates mixture, for an excellent skin tolerance and allergic reactions reduction.
• Atraumatic removal and with minimal adhesive residue upon removal.

Code	Width	Length	Package
1527 A	12,5 (13) mm	9,14 m	24 rolls
1527 B	25 mm	9,14 m	12 rolls
1527 D	76 mm	9,14 m	4 rolls

1534

TRANSPORE WHITE
surgical plastic tape

3M Transpore White is a perforated plastic surgical tape. The breathable fibers ensure a correct air and oxygen flow, respecting skin functions and reducing the risk of skin damages and avoiding the product detachment.
It is a hypoallergenic product, that ensures an excellent skin tolerance and allergic reactions reduction.
This tape has been designed to improve and increase its function over time, reaching great levels for various different uses, even after application.
On the back of the tape there's a low adherence substance that facilitates the reel unrolling, avoiding residues to remain on the back of the strip.
Thanks to the bi-directional tear, it is easy to use and there is no need of using scissors. It allows clinician to tailor the tape for the various dressings and devices.
Atraumatic removal and with minimal adhesive residue upon removal. Suitable to secure dressings, tubes, probes and cannulas.
For professional use only.
• Perforated plastic.
• Adhesive side made of acrylates mixture, for an excellent skin tolerance and allergic reactions reduction.

Code	Width	Length	Package
1534 0	13 mm	9,14 m	24 rolls
1534 1	25 mm	9,14 m	12 rolls
1534 2	51 mm	9,14 m	6 rolls

DURAPORE
silk-like cloth tape

3M Durapore is a surgical tape made of high strength silk-like cloth.
The very comformable structure is resistant to air and steam.

The rayon fibers ensure a corret air and oxygen flow, respecting skin functions and reducing the risk of skin damages and avoiding the product detachment.

Thanks to the bi-directional tear, it is easy to use and there is no need of using scissors.

This hypoallergenic product ensures an excellent skin adhesion and allergic reactions reduction. It allows a safe and extended attachment, even on challenging areas or for critical patients (diaphoresis, feeding tubes...). Atraumatic removal and with minimal adhesive residue upon removal, reducing skin irritation.

On the back of the tape, there's a low adherence substance that facilitates the reel unrolling, avoiding residues to remain on the back of the strip.

Suitable to secure feeding tubes, tracheal tubes, infusion tubes or other devices, also bulky; can also be used to immobilize and stabilize (ex. finger splints). For professional use only.
- Made of silk-like cloth.
- Adhesive side made of acrylates mixture, for an excellent skin tolerance and allergic reactions reduction.

Code	Width	Length	Package
1538 A	13 mm	9,14 m	24 rolls
1538 B	25 mm	9,14 m	12 rolls
1538 C	51 mm	9,14 m	6 rolls
1538 D	75 mm	9,14 m	4 rolls

1525

BLENDERM
plastic surgical tape

3M Blenderm is a plastic surgical tape, resistant to fluids, microorganism, steam and air. Its occlusive features improve the therapeutic effectiveness of some medications. The elastic and comformable structure perfectly adapts to every type of body shape. It is invisible once applied and is transparent to X-rays.

The tape is hypoallergenic and ensures a great adhesive capability, without causing injuries and without leaving residues on the skin upon removal. On the back of the tape there's a low adherence substance that facilitates the reel unrolling, avoiding residues to remain on the back of the strip.

Suitable to enhance medication effectiveness and the penetration of topical medications, like ointments and creams.

For professional use only.
- Made of polyethylene, completely water-resistant and gas-resistant.
- Adhesive side made of acrylates mixture, for an excellent skin tolerance and allergic reactions reduction.
- Atraumatic removal and with minimal adhesive residue upon removal, reducing skin irritations.

Code	Width	Length	Package
1525-1	25 mm	4,57 m	12 rolls
1525-2	51 mm	4,57 m	6 rolls

2770-x

KIND REMOVAL
SILICONE TAPE

3M Kind Removal Silicon Tape is a silicon surgical tape, hypoallergenic, water-resistant and breathable.

Gentle wear on skin, reduces the risk of injuries upon removal and the risk of causing pain or complaints if applied on children and elderly's sensitive skin or on hairy skin areas. Delicate effect, removes a small quantity of epithelial cells, comparing to other products for sale.

Suitable for long-lasting fixation of bandages, gauzes and medications.

Ideal for patients with sensitive, compromised, or at-risk skin and it features an easy, fast bi-directional tear (without scissors) and without fraying.

Can be repositioned and neatly torn by hand.

For professional use only.

Tape provided with exclusive silicone technology, for an atraumatic removal.

Code	Width	Length	Package
2770-1	25 mm	5 m	12 rolls
2770-2	50 mm	5 m	6 rolls

2991x

MEDIPORE
protection elastic tape

3M Medipore is a protection tape, made of soft, comformable elastic, that adapts to many different applications.

The perforated polyester nonwoven fibers is steam-resistant and allows easily securing every type of dressings, even on joints, thanks to the high elasticity and comformatibily.

The removail is painless and does not leave residues on skin. Hypoallergenic, ensures an excellent skin tolerance and reduces the risk of allergic reactions. Not made with natural rubber latex.
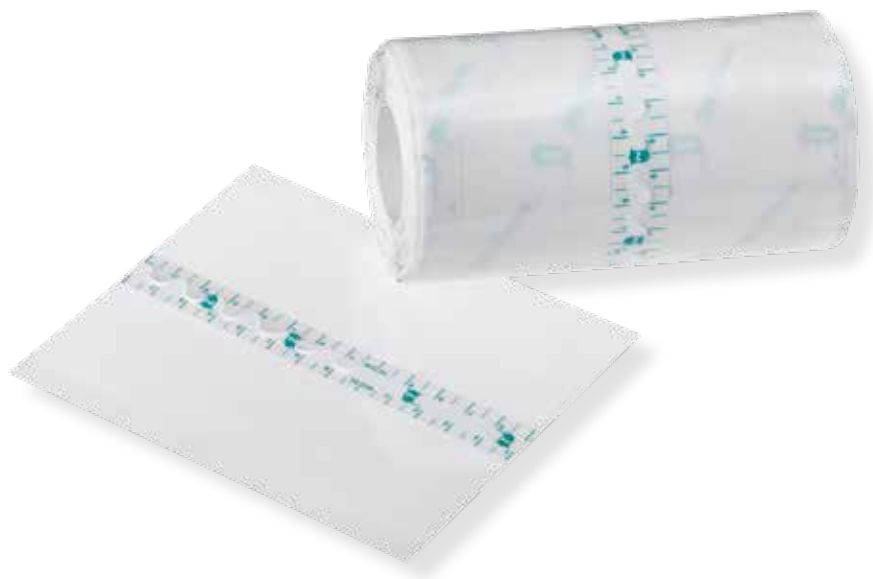
For professional use only.

• Polyester fibers.
• Adhesive side made of acrylates mixture.

Code	Width	Length	Package
29911	50 mm	10 m	24 rolls
29912	100 mm	10 m	12 rolls
29913	150 mm	10 m	12 rolls

TEGADERM ROLL
transparent polyurethane film roll

3M

3M Tegaderm Roll is a non-sterile transparent medication, made of polyurethane thin layer and hypoallergenic latex-free adhesive.

Breathable, waterproof, sterile barrier to external contaminants including liquids, bacteria and viruses*. These features ensure a great skin protection against injuries and irritating substances contact, maintaining the liquids outside and permitting an optimal transpiration.

Being waterproof, it allows the patient to wash without interfering with the medication.

The transparent colour allows constantly checking the skin, without having to change the medication, detecting, this way, any infections outbreak.

Tegaderm Roll is thin, flexible and highly comformable, with an application system that ensures a fast and easy fixation with no waste. Adaptable also to critical areas, it allows the user to cut out the desired length. Suitable also as a secondary medication, to prevent bedsores, to protect skin when taking a shower and to secure non-sterile devices.

The medication is not sterile, so it must not be used directly on the wound or injured skin.

For professional use only.

- Polyurethane waterproof, 1 mm thick.
- Band with marked centimeters, to facilitate applicantion and measuring.
- Adhesive side

*Lab tests have proved that transparent Tegaderm e Tegaderm HP medications, constitute a protective barrier to HIV-1 and HBV, if the medication remains untouched and doesn't have any liquid drops

Code	Width	Length	Package
16002	50 mm	10 m	1 rolls
16004	100 mm	10 m	1 rolls
16006	150 mm	10 m	1 rolls

MEDIPORE+PAD
sterile medication

3M Medipore+Pad is a sterile medication with a perfored polyester structure, it is steam-resistant and water-resistant.

The central highly breathable pad is made of rayon fibers coated with a thin layer of polyethylene film, on both sides; it doesn't stick to the wound, minimizing disruption of the healing tissues upon removal. The polyester composition ensures a correct oxygen and steam flow, respecting skin functions and reducing the risk of skin damages and avoiding the product detachment.

The rolled rims and the elasticity allow the medication to adapt to different body areas, perfectly adhering to the skin.

Absorbent pad protects wound and absorbs drainage, while allowing skin to breathe, thus reducing the potential for maceration around the wound edges. The hypoallergenic, water-resistant tape is made of a of acrylates mixture, for an excellent skin tolerance and allergic reactions reduction, being gentle upon removal.

It is pressure sensitive, by gently pressing on its surface; it is possible to obtain a perfect adhesion to each body part.

3M MediporeTM +Pad is an absorbent, ready-to-use medication, suitable for closed cleaned surgical wounds, abrasions, lacerations, neuropathic ulcers, skin tears, superficial partial thickness burns.

For professional use only.

- Nonwoven polyester fibers.
- Absorbent rayon fibers pad with polyethylene film.
- Adhesive side made of acrylates mixture, for an excellent skin tolerance and allergic reactions reduction.
- The product does not contain natural rubber latex.
- Totally radiolucent.

Code	Width	Length	Package
3562 E	50 mm	72 m	50 rolls
3564 E	60 mm	100 m	50 rolls
3566 E	100 mm	100 m	50 rolls
3569 E	100 mm	150 m	50 rolls
3570 E	100 mm	200 m	50 rolls
3571 E	100 mm	250 m	50 rolls
3573 E	100 mm	300 m	50 rolls

TEGADERM
transparent sterile film dressing

3M

3M Tegaderm are sterile transparent medications, used as a barrier to external contaminants including liquids, bacteria and viruses.

Their features ensure a safe skin protection from damages and irritating substances, still maintaining an optimal transpiration. It also ensures a perfect oxygen and steam flow, respecting skin functions and reducing the risk of skin damages and avoiding the product detachment.

The transparent colour allows constantly checking the skin, without having to change the medication, detecting, this way, any infections outbreak.

Tegaderm Film is thin, flexible and highly comformable, with with a frame that ensures a fast and easy fixation with no waste.

The polyurethane is an extremely comformable material and it ensures an effective adhesion to the patient's skin. Provided with hypoallergenic tape that ensures an excellent skin tolerance and a low possibility of allergic reactions.

They are useful to prevent bedsores, to protect 1st degree and 2nd degree wounds, and to cure surgical wounds. They create a second skin layer that avoids rubbing the area against the surface, facilitating healing in a moist ambience.

They can also be used to safely secure gauze medications and veins catheters.
For professional use only.

- Water-resistant polyurethane.
- 1 mm film thickness.
- Adhesive side made of acrylates mixture, for an excellent skin tolerance and allergic reactions reduction.

Code	Width	Length	Package
1622 W	40 mm	40 mm	100 pieces
1623 W	60 mm	70 mm	100 pieces
1624 W	60 mm	70 mm	100 pieces
1626 W	100 mm	120 mm	50 pieces
1627	100 mm	250 mm	20 pieces
1628	150 mm	200 mm	10 pieces
1629	200 mm	300 mm	10 pieces

TEGADERM transparent sterile film dressing with fixing strips and TNT edge

3M

3M Tegaderm, is a medication used to secure intravascular devices, made of a transparent polyurethane film that covers a piece of nonwoven fabric that acts like a reinforcement and with nonwoven fabric sterile strips for the upper fixation of catheter.
The incisions placed on every size of the product, ensure an excellent comformability.
The medication is a sterile barrier to external contaminants including liquids, bacteria and viruses; but is highly permeable to steam and oxygen.
Its features allow protecting the insertion point of catheter, maintaining the liquids and contaminants outside.
The nonwoven fabric edge ensures more durability and a better catheter fixation, reducing the risk of possible involutions. The transparent colour allows constantly checking the skin, without having to change the medication, detecting, this way, any infections outbreak.
For professional use only.

- Water-resistant polyurethane.
- TNT polyester reinforcement.
- Adhesive side made of acrylates mixture, for an excellent skin tolerance and allergic reactions reduction.

Code	Width	Length	Package
1610	50 mm	57 mm	100 rolls
1633 I.V.	70 mm	85 mm	100 rolls
1635	85 mm	105 mm	50 rolls

TEGADERM + PAD
sterile transparent polyurethane medication

3M Tegaderm+PadTM medication is made of polyurethane (Tegaderm), permeable to steam and water and microorganism resistant.

The central pad is made of rayon fibers covered by a thin porous polyethylene film that allows the medication to stick to the wound, ensuring an atraumatic removal.

Its composition ensures a high osmosis absorption of surplus secretions.

The polyurethane film guarantees a correct oxygen and steam flow, respecting skin functions and reducing the risk of skin damages and avoiding the product detachment.

The fact of being water-resistant and resistant to microorganisms, protects the insertion point from external infections. The transparent colour allows constantly checking the absorption status, without having to change the medication.

The composition of the central pad allows removing the medication, avoiding skin injuries and residues. The frame system allows an easy application.

Being permeable to steam, the transpiration is optimal, wheter being waterproof and resistant to microorganisms, it allows the patient to wash without interfering with the medication.

Suitable to treat clean closed or open surgical wounds, sample points for skin grafts, lacerations, abrasions and burns, small incisions, total or partial wounds, and to protect vein catheres sites. For professional use only.

Waterproof polyurethane;
Highly absorbent pad;
Adhesive side made of acrylates mixture, for an excellent skin tolerance and allergic reactions reduction.

Code	Width	Length	Package
3582	50 mm	72 mm	50 pieces
3584	60 mm	100 mm	50 pieces
3586	90 mm	100 mm	25 pieces
3589	90 mm	150 mm	25 pieces
3590	90 mm	200 mm	25 pieces
3591	90 mm	250 mm	25 pieces
3593	90 mm	350 mm	25 pieces

COBAN
Self-adherent bandage

3M Coban is a self-adherent bandage suitable for post-surgery compression and to treat light sprains; used also for the rehabilitation after arthrosis operations and in case of veins failure. The bandage sticks only to itself and not to the skin or hair, resisting also under water.

It maintains a regular compressive level and stable over time, ensuring an easy removal and an excellent skin tolerance. Provides extreme comfort to the patients.

Perfect for vascular compressive dressings, after surgery or for light sprains.

Sticks to itself with no need of tape, hooks or clips, for an easy and fast application.

Light and porous, it respects skin functions, reducing the risk of damages or injuries. Protects primary medications.

Code	Width	Length	Packaging
1581	2,5 cm	4,57 m – 2 m not stretching	30 pieces
1582	5 cm	4,57 m – 2 m not stretching	36 pieces
1583	7,5 cm	4,57 m – 2 m not stretching	24 pieces
1584	10 cm	4,57 m – 2 m not stretching	18 pieces
1586	15 cm	4,57 m – 2 m not stretching	12 pieces

2228

Diagnostic ECG electrodes

Single-use electrodes for ECG short-term monitoring.

Provided with foam support that ensures a good adjustability to the patient's body and high resistant to fluids. The low thickness allows minimizing enviromental interferences. The electrodes are provided with conductive gel that allows maintaining a high and unchanged quality of the ECG data results, with no need of metallic rings that may damage patient's skin.

The low amount of chlorides in the gel ensures an optimal hypoallergenic level, also for patients that are more sensitive.

Provided with hypoallergenic adhesive that minimizes skin irritations and does not leave residues after removal.

Does not contain either natural rubber latex or dry natural rubber.

For professional use only.

- Foam support.
- Rectangular shape with central stud.
- Atraumatic removal with no residues that may cause skin irritations.

Code	Size	Attachment	Packaging
2228	40 x 32,5 mm	stud	20 bags with 50 pieces each
2228 BS	40 x 32,5 mm	stud	single bag with 50 pieces
2228BA	40 x 32,5 mm	bayonet	20 bags with 40 pieces each
2228BA BS	40 x 32,5 mm	bayonet	single bag with 40 pieces

2239 | Monitoring electrodes

Single-use electrodes for ECG short-term monitoring.
Provided with Micropore support that ensures a good adjustability to the patient's body and high resistant to fluids. The low thickness allows minimizing enviromental interferences. The electrodes are provided with conductive gel that allows maintaining a high and unchanged quality of the ECG data results, with no need of metallic rings that may damage patient's skin.
The low amount of chlorides in the gel ensures an optimal hypoallergenic level, also for patients that are more sensitive.
Provided with hypoallergenic adhesive that minimizes skin irritations and does not leave residues after removal.
Does not contain either natural rubber latex or dry natural rubber.
For professional use only.

- Micropore support.
- Round shape with central stud.
- Atraumatic removal with no residues that may cause skin irritations.

Code	Size	Attachment	Packaging
2239	Diameter 6 cm	stud	20 bags with 50 pieces each
2239 BS	Diameter 6 cm	stud	single bag with 50 pieces

2248 | Monitoring pediatric electrodes

Single-use electrodes for ECG short-term monitoring.
Provided with Micropore support that ensures a good adjustability to the patient's body and high resistant to fluids. The low thickness allows minimizing enviromental interferences. The electrodes are provided with conductive gel that allows maintaining a high and unchanged quality of the ECG data results, with no need of metallic rings that may damage patient's skin.
The low amount of chlorides in the gel ensures an optimal hypoallergenic level, also for patients that are more sensitive.
Provided with hypoallergenic adhesive that minimizes skin irritations and does not leave residues after removal.
Does not contain either natural rubber latex or dry natural rubber.
For professional use only.

- Micropore support.
- Round shape with central stud.
- Atraumatic removal with no residues that may cause skin irritations.
- Size: 45 mm.
- Packaging: 20 bags with 50 pieces each.

2330 | Diagnostic ECG electrodes

Single-use electrodes for ECG resting examinations.

Provided with plastic support that ensures a good adjustability to the patient's body and high resistant to cables traction. The electrodes are provided with conductive gel that allows maintaining a high and unchanged quality of the ECG data results, with no need of metallic rings that may damage patient's skin. The low amount of chlorides in the gel ensures an optimal hypoallergenic level, also for patients that are more sensitive.

Provided with hypoallergenic adhesive that minimizes skin irritations and does not leave residues after removal. The electrodes are placed in groups of ten on a single liner: this makes the application easier and faster.

The conductive element is a Ag/AgCl film that allows obtaining a high conductivity thanks to the very low impedance; the basic line of ECG results is very stable and the signal recovery after the defibrillation takes less than 2 seconds.

Does not contain either natural rubber latex or dry natural rubber.

For professional use only.

- Plastic support.
- Snap-style rectangular shape.
- Atraumatic removal with no residues that may cause skin irritations.

Code	Size	Attachment	Packaging
2330	22 mm x 32 mm	Tab style	40 bags with 100 pieces each
2330 BS	22 mm x 32 mm	Tab style	Single bag with 100 pieces

2269 T | Radiotransparent electrodes with wires for newborns

Prewired monitoring electrodes designed for neonatal and infant care. Provided with plastic support that ensures a good adjustability to the patient's body and high resistant to fluids. The transparent support allows allows for easy viewing of an infant's skin condition, to avoid irritations. The low thickness allows minimizing enviromental interferences.

They can be applied both on peripheral devices and on precordials, and, if needed, they can be reduced in size by cutting the end.

The electrodes are provided with conductive gel that allows maintaining a high and unchanged quality of the ECG data results, with no need of metallic rings that may damage patient's skin.

The low amount of chlorides in the gel ensures an optimal hypoallergenic level, also for patients that are more sensitive.

High quality tape designed to be used infants extremely sensitive skini; conductive adhesive gel, highly hypoallergenic, that allows long-term monitoring (up to 15 days) and can be positioned 4-5 times without leaving residues upon removal (avoiding skin cleaning after examinations).

Provided with radiotransparent sensitive support that keeps the electrode firm and stable during radiography procedures and without interfering with the results.

Does not contain either natural rubber latex or dry natural rubber.

For professional use only.

- Plastic support.
- Rectangular shape with built-in wire, length: 53 cm
- Atraumatic removal with no residues that may cause skin irritations.
- Size: 40 mm x 20 mm.
- Packaging: 3 bags with 10 pieces each

70-555 | Reanimation balloon with mask

Kit composed by a silicone autoclavable balloon, mask with silicone support flange, valve and reservoir provided with oxygen connector and transport bag. Balloon and mask available in different size, as necessary

Code	Size
70-555-01XM	Adult 1.500 ml balloon – size 4
70-555-02XM	Pediatric 500 ml balloon – size 1
70-555-03XM	Neonatal 250 ml balloon - size 0

CN-100.329 | Pocket mask

Reanimation mask for mouth-to-mouth resuscitation. Provided with specific case

GUEDEL | Anatomic Guedel cannula, made of non-toxic PVC, in sterile packaging

Single-use cannulas in single sterile package with colour-code. The cannula structure is made of high-density polyethylene and the occlusion rim is made of alimentary nylon. Anatomic shape, when inserted in the oral cavity, they prevent the tongue to drop and to obstruct the upper respiratory tract, ensuring an adequate airflow.

Code	Size
GUE064	0, turquoise, 50 mm
GUE068	1, black, 60 mm
GUE069	2, white, 70 mm
GUE070	3, green, 80 mm
GUE071	4, black, 90 mm
GUE072	5, red, 100 mm

3039/R | Polycarbonate tongue forceps

Tongue forceps useful in emergency cases. Made of polycarbonate and provided with jerk rack. Single package in polyethylene bag.

CN-100.378 | Helicoidal mouth prop

Nylon helicoidal mouth prop. Convenient handle that ensures a safe grip and with a compartment for the insertion of mouth-to-mouth resuscitator.
Size: 138 x 37,5 mm..

SSPIV-55 | Drip-feed opening forceps

Stainless steel forceps, to facilitate drip-feed containers opening.
Length: 20 cm. Weight: 250 g.

CN-100.62.607 | 100% cellulose sheet

100% cellulose sheet with double voiles.
Features:
- Height: 60 cm.
- Length: 80 m.
- Length of each tear: 38 cm.
- 6 rolls packaging.

11426/02 | PVC overshoe

Disposable polyethylene copolymer (PE) overshoe, water-resistant and odourless.
Easy to wear, provided with attaching elastic strap.
Protective product for medical or non-medical use, can be used in hospital, industries or cleanrooms. 100 pieces packaging.

CN-100.135 | Ayre's spatula

Ayre's spatula for cytological sampling of esocervix cells and vaginal fornix. Made from birch wood and moulded to facilitate sampling operations. Length: 17,5 cm. Non-sterile, 200 pieces packaging.

Pessaries

Pessaries to be inserted into the vagina, either to provide structural support, or as a method of delivering medication. Made of red rubber or silicone, to reduce problem related to latex allergies. Single packaging and available in different diameter sizes.

Pink rubber

Code	Diameter
FOR.70.52050	50 mm
FOR.70.52055	55 mm
FOR.70.52060	60 mm
FOR.70.52065	65 mm
FOR.70.52070	70 mm
FOR.70.52075	75 mm
FOR.70.52080	80 mm
FOR.70.52085	85 mm
FOR.70.52090	90 mm
FOR.70.52095	95 mm
FOR.70.520100	100 mm

Silicone

Code	Diameter
CN-100.538	50 mm
CN-100.539	55 mm
CN-100.540	60 mm
CN-100.541	65 mm
CN-100.542	70 mm
CN-100.543	75 mm
CN-100.544	80 mm
CN-100.545	85 mm
CN-100.546	90 mm
CN-100.547	95 mm
CN-100.548	100 mm

Sterile silicone

Code	Diameter
FOR.70.51955	55 mm
FOR.70.51960	60 mm
FOR.70.51965	65 mm
FOR.70.51970	70 mm
FOR.70.51975	75 mm
FOR.70.51980	80 mm
FOR.70.51985	85 mm
FOR.70.51990	90 mm
FOR.70.51995	95 mm
FOR.70.519100	100 mm

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Lancets

Single-use sterile lancets, with asymmetric tip to reduce pain. Made of quality chrome-plated steel, suitable for small quantity of blood sampling. Gamma-rays sterilization, in compliance with the regulations. Singularly packed, 200 pieces packaging.

SO-10

Steel drip-feed stand

Upper tubes are adjustable thanks to a locking ferrule. Provided with four hooks for drug and solutions infusions. Aluminium base made of five spokes on swiveling casters provided with brakes.

SO-12

Steel drip-feed stand

Upper tubes are adjustable thanks to a knob with locking screw.
Provided with four hooks for drug and solutions infusions.
Aluminium base made of five spokes on swiveling casters provided with brakes.

SO-20

Plastic drip-feed hanger

Plastic drip-feed hanger, to be used with infusion stand.
Accessory for SO-12 and SO-10 models.