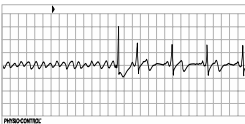




**Medtronic**  
PHYSIO-CONTROL

# PRODUCTS AND ACCESSORIES CATALOGUE 2004

## ADVANCED DEFIBRILLATORS



*When life depends on medical technology™*

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**Not all people are the same  
Not all cardiac arrests are the same  
That's why LIFEPAK biphasic defibrillators save more lives**

### **Who Is Medtronic Physio-Control?**

We make lifesaving tools for lifesaving teams. Ever since we first pioneered defibrillation technology nearly 50 years ago, our LIFEPAK® products have embodied a tireless commitment to innovation, quality and reliability. Hospitals, emergency medical services, targeted responders, and other trained providers rely on us every day, in the toughest cardiac emergencies. Because our customers are also our partners in saving more lives.

### **Our mission is to make lifesaving tools for lifesaving teams.**

We develop, manufacture, sell and service the renowned LIFEPAK® defibrillator/monitors and automated external defibrillators (AEDs). But our tool set is much more extensive than devices. We also offer medical assistance, data management software, leasing programs, training assistance, round-the-clock technical service, and liability insurance - to help you build a "heart safe community". Our solutions are used by our customers to save thousands of lives every year.

### **Our Pioneering Spirit Drives Us**

Nearly 40 years ago, we introduced a medical device that launched an industry - the first commercial DC defibrillator. From that day forward, our product focus has been on development of the highest quality medical devices for prediction or urgent treatment of cardiac and respiratory emergencies. Our history includes a long legacy of "firsts", groundbreaking tools created for lifesaving teams. All done with one focus: saving minutes.....saving lives.

### **Our Philosophy**

We believe that customers need a total solution, not just a device. From involving customers early in the development process to shadowing them in their work environment, we design solutions for the first responder through the advanced life support provider. We concentrate on making products and services more intuitive, more complete and less costly to own and operate, so that lives can be saved in more places more often.

### **Improving Lives Around the World**

We are based near Seattle, Washington, but our lifesaving products are sold, serviced and preferred throughout the world - a responsibility we don't take lightly. In the toughest emergencies - anywhere in the world - you'll find our equipment on the scene.

For more information on  
*Medtronic Physio-Control*,  
please go to:  
<http://www.physio-control.com>

# LIFEPAK<sup>®</sup> 20 Defibrillator/Monitor

LIFEPAK 20



## Simple yet Sophisticated

From arrest to defibrillation: three minutes or less is the recommended goal for hospitals.

You're committed to the highest standards of patient care in everything you do—including resuscitation services. Knowing this, Medtronic Physio-Control, the world leader in defibrillation technology, designed the LIFEPAK 20 defibrillator/monitor with extensive input from clinicians around the world.

The 20 is highly intuitive to use, and adapts to various patient environments. It skillfully combines an AED function for the infrequent, BLS-trained responder, with manual capability so that ALS-trained clinicians can quickly and easily deliver advanced diagnostic and therapeutic care. It's two defibrillators in one.

Simple yet sophisticated, the 20 enables clinicians at every level to focus on the most important task at hand—saving a patient's life.

***The LIFEPAK<sup>®</sup> 20 Defibrillator/Monitor: The smart, flexible answer to your hospital's diverse defibrillation needs.***

**LIFEPAK® 20**  
**Defibrillator/Monitor**



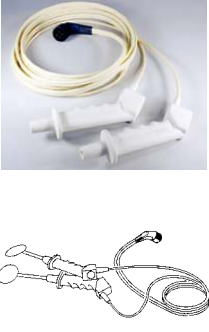
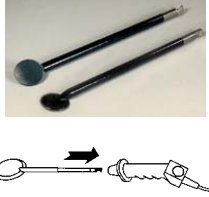


**LIFEPAK 20**

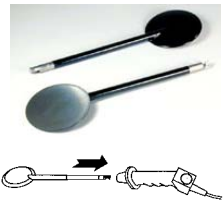


Cat. Number	Description
70402-000013	<p><b>LIFEPAK® 20 Defibrillator/ Monitor</b></p> <p><u>Includes</u></p> <ul style="list-style-type: none"> <li>• One front door</li> <li>• Active color matrix LCD screen</li> <li>• Manual and AED functionality</li> <li>• Built-in AC power</li> <li>• NiMH rechargeable internal battery</li> <li>• ADAPTIV™ Biphasic, escalating energy up to 360J</li> <li>• Synchronous cardioversion</li> <li>• 3 and 5 lead ECG software with lead select</li> <li>• CODE SUMMARY™ critical event record with data port</li> <li>• Printer</li> </ul> <p><u>Ship Kit Includes</u></p> <ul style="list-style-type: none"> <li>• One A/C power cord</li> <li>• One 3-lead ECG cable</li> <li>• One QUIK-COMBO™ pacing/defib/ECG electrodes with REDI-PAK™ preconnect system</li> <li>• One QUIK-COMBO therapy cable</li> <li>• One QUIK-COMBO test plug</li> <li>• LIFE-PATCH® ECG Adult Electrodes – (3 electrodes per pack) (1 pack/unit)</li> <li>• ECG printer paper, 50 mm x 30 m (3 rolls per box) (1 box/unit)</li> <li>• Operating instructions</li> <li>• One service manual on CD-ROM</li> <li>• Two inservice videos (one for manual and one for AED)</li> <li>• Warranty card</li> </ul> <p>Weight / Height / Width: 6.6 kg / 31.7 cm / 38.9 cm</p>
70402-000042	<p><b>LIFEPAK® 20 Defibrillator/ Monitor with Pacing Package</b></p> <p>Includes everything listed above, plus the pacing feature.</p>
70402-000071	<p><b>LIFEPAK® 20 Defibrillator/ Monitor with Pacing Package and SpO2</b></p> <p>Includes everything listed above, plus pacing feature, SpO<sub>2</sub> feature, one SpO<sub>2</sub> cable 2.4 m. (8 foot), and one package of three adult disposable sensors and one pediatric disposable sensor.</p>






LIFEPAK®20  
Defibrillation Paddles

LIFEPAK 20





Catalog #	Description	
11130-000045	<p><b>LIFEPAK 20 Defibrillator/Monitor Standard Detachable Hard Paddles</b></p> <p>One pair, for use with LIFEPAK 20 defibrillator/monitor.</p>	
11134-000003	<p><b>External Sterilizable Paddles</b></p> <p>One pair, for use with LIFEPAK 20 or LIFEPAK 12 defibrillator/monitors.</p> <p>Paddles specifically designed for cardiac defibrillation in a sterile environment. May be used for defibrillation, ECG monitoring, and synchronized cardioversion.</p> <p>Approved for ethylene oxide gas or hydrogen peroxide plasma sterilization.</p>	
11131-000001	<p><b>Internal Paddle Handles with Discharge Control</b></p> <p>One pair sterilizable handles (with discharge control) for internal paddles.</p> <p>Cable length is 4.5 m. (15 feet). Includes sterilization guidelines.</p> <p>Requires Medtronic Physio-Control internal paddles.</p> <p>Approved for steam, ethylene oxide gas or hydrogen peroxide plasma sterilization.</p>	
11131-000010	<p><b>Internal Paddles, 2.5 cm (1 inch), for Handles w/ Discharge Control</b></p> <p>One pair of sterilizable internal paddles.</p> <p>Approved for steam, ethylene oxide gas or hydrogen peroxide plasma sterilization.</p>	
11131-000011	<p><b>Internal Paddles, 3.8 cm (1.5 inch), for Handles w/ Discharge Control</b></p> <p>One pair of sterilizable internal paddles.</p> <p>Approved for steam, ethylene oxide gas or hydrogen peroxide plasma sterilization.</p>	
11131-000012	<p><b>Internal Paddles, 5.1 cm (2 inch), for Handles w/ Discharge Control</b></p> <p>One pair of sterilizable internal paddles.</p> <p>Approved for steam, ethylene oxide gas or hydrogen peroxide plasma sterilization.</p>	

Catalog #	Description	
11131-000013	<p><b>Internal Paddles, 6.4 cm (2.5 inch) for Handles w/ Discharge Control</b></p> <p>One pair of sterilizable internal paddles.</p> <p>Approved for steam, ethylene oxide gas or hydrogen peroxide plasma sterilization.</p>	
11131-000014	<p><b>Internal Paddles, 8.9 cm (3.5 inch) for Handles w/ Discharge Control</b></p> <p>One pair of sterilizable internal paddles.</p> <p>Approved for steam, ethylene oxide gas or hydrogen peroxide plasma sterilization.</p>	
11131-000019	<p><b>Internal Paddles, 6.4 cm (2.5 inch) size, 21.6 cm (8.5 inch) Shaft Length</b></p> <p>One pair of sterilizable internal paddles.</p> <p>Approved for steam, ethylene oxide gas or hydrogen peroxide plasma sterilization.</p>	

**LIFEPAK®20  
ECG Monitoring and Therapy Delivery Accessories**

Catalog #	Description	
11996-000090	<p><b>EDGE System RTS (Radiotransparent) Electrodes with QUIK-COMBO™ Connector</b></p> <p>For pacing/defibrillation/ECG/cardioversion. Lead wire is 0.6 m (2 feet) long.</p> <p>Disposable, radiotransparent electrodes eliminate the need for electrode removal during radiological procedures.</p>	
11996-000093	<p><b>Pediatric EDGE System RTS (Radiotransparent) Electrodes with QUIK-COMBO™ Connector</b></p> <p>For pacing/defibrillation/ECG/cardioversion.</p> <p>Disposable, radiotransparent electrodes eliminate the need for electrode removal during radiological procedures.</p> <p><b>For use on manual defibrillator/monitors only.</b></p>	
11996-000091	<p><b>EDGE System Electrodes with QUIK-COMBO™ Connector</b></p> <p>For pacing/defibrillation/ECG/cardioversion. Lead wire is 0.6 m (2 feet) long.</p>	




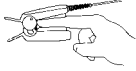

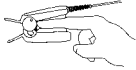







Catalog #	Description	
11996-000017	<p><b>EDGE System Electrodes with QUIK-COMBO™ Connector and REDI-PAK Preconnect System</b></p> <p>For pacing/defibrillation/ECG/cardioversion.</p> <p>REDI-PAK preconnect system allows electrode connection prior to use without breaking the package seal. Saves valuable time at patient arrival.</p>	
11996-000092	<p><b>FAST-PATCH® Plus Disposable Defibrillation/ECG Electrodes</b></p> <p>For pacing/defibrillation/ECG/cardioversion.</p> <p>To pace, use QUIK-COMBO configured devices with cable 11110-000052.</p> <p><u>Notes:</u> Must be used with FAST-PATCH defibrillation cable designed for your device. If using with a LIFEPAK® 9 defibrillator/monitor, must have defibrillation adapter or shock advisory adapter in place.</p>	
11100-000001	<p><b>LIFE-PATCH ECG Electrodes, Adult, Pregelled</b></p> <p>Package of 3 electrodes each.</p>	
11100-000002	<p><b>LIFE-PATCH ECG Electrodes, Adult, Pregelled</b></p> <p>Package of 4 electrodes each.</p>	

Temporarily not available



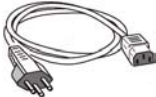
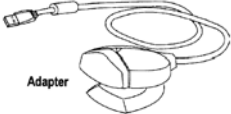

LIFEPAK®20  
**SpO<sub>2</sub> Sensors and Accessories**

**LIFEPAK 20**




Catalog #	Description	
11171-000006	Masimo SET® SpO2 Patient Cable 1.20 m (4 foot)	
11171-000008	Masimo SET SpO2 Patient Cable 2.40 m (8 foot)	
11171-000009	Masimo SET SpO2 Patient Cable 3.70 m (12 foot)	
11171-000007	Masimo SET SpO2 Sensor – Adult Reusable	 
11171-000010	Masimo SET SpO2 Sensor – Pediatric Reusable	
11171-000011	Masimo SET SpO2 Sensor – Adult Disposable Box of 20 sensors	 
11171-000012	Masimo SET SpO2 Sensor – Pediatric Disposable Box of 20 sensors	 
11171-000013	Masimo SET SpO2 Sensor – Neonatal (<10 KG) Disposable Box of 20 sensors	 
11171-000014	Masimo SET SpO2 Sensor – Neonatal (<1 KG) Disposable Box of 20 sensors	

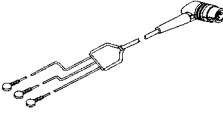

LIFEPAK®20  
Power Accessories

LIFEPAK 20



Catalog #	Description	
11141-000068	<p><b>LIFEPAK 20 NiMH Rechargeable Internal Battery</b></p> <p>Rechargeable nickel metal hydride 12 volt battery for use as AC power backup.</p>	
11140-000015	<p><b>LIFEPAK 20 AC Power Cord</b></p> <p>Powers the LIFEPAK 20 device and recharges the NiMH internal battery.</p>	
21300-005026	<p><b>IrDA Adaptor for USB Connection (LIFENET DT EXPRESS Required)</b></p> <p>Infrared wireless data communication cable for personal computer that works hand in hand with LIFENET DT Express 1.0 Information Management System to download event data from LIFEPAK 20 Defibrillator.</p> <p>Compatible with Windows 98, Windows ME, Windows 2000 Professional and Windows XP.</p>	
21300-005027	<p><b>IrDA Adaptor for Serial Connection (LIFENET DT EXPRESS Required)</b></p> <p>Infrared wireless data communication cable for personal computer that works hand in hand with LIFENET DT Express 1.0 Information Management System to download event data from LIFEPAK 20 Defibrillator.</p> <p>Compatible with Windows NT 4.0 (Service Pack 6a required), Windows 98, Windows ME, Windows 2000 Professional and Windows XP.</p>	

LIFEPAK®20  
Cables for LIFEPAK Defibrillators


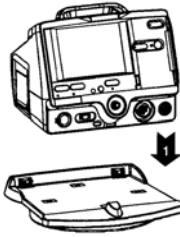




Catalog #	Description	
11110-000040	<p><b>QUIK-COMBO Therapy Cable</b></p> <p>For use with LIFEPAK 20 or LIFEPAK 12 defibrillator/monitors.</p>	
11110-000052	<p><b>FAST-PATCH® Adapter Cable</b></p> <p>For use with the QUIK-COMBO therapy cable for the LIFEPAK 20 or LIFEPAK 12 devices.</p> 	
11110-000054	<p><b>QUIK-COMBO Extension Cable 1.2 m. (4 feet)</b></p>	




Catalog #	Description	
<b>11110-000030</b>	<b>3-Lead ECG Cable</b> Right angle connector.	 
<b>11110-000067</b>	<b>5-Lead ECG Cable</b> Right angle connector, 4 limb leads, plus one chest lead, labeled "V1" on the LIFEPAK 20 device reports.	

**LIFEPAK®20  
Communication Accessories**



Catalog #	Description	
<b>11230-000018</b>	<b>Serial Port Cable</b> 1.8 m. (6 foot) LIFEPAK 20 device to PC Serial Port Cable	
<b>11230-000019</b>	<b>Transport Configuration Cable</b> 1.8 m. (6 foot) LIFEPAK 20 device to LIFEPAK 20 device	

**LIFEPAK®20  
Additional Accessories**

Catalog #	Description	
<b>21330-000996</b>	<b>Docking Station</b> Attaches to crash cart to lock LIFEPAK 20 device safely in place.	 
<b>11260-000016</b>	<b>QUIK-COMBO Accessory Pouch</b> Attaches to the LIFEPAK 20 defibrillator/monitor and holds QUIK-COMBO cable and one set of electrodes.	 
<b>21330-001007</b>	<b>LIFEPAK 20 Defibrillator/Monitor Front Door</b> With 1-2-3 display and easily detachable. (One included per unit at no charge).	 





Catalog #	Description	
<b>11113-000002</b>	<b>QUIK-COMBO Test Plug</b> For testing of integrity of QUIK-COMBO cable.	
<b>11998-000060</b>	<b>Defibrillator Checker</b> For hard paddles.	
<b>11998-000022</b>	<b>Test Load</b> Tests integrity of QUIK-COMBO therapy cables as part of an overall system test. QUIK-COMBO cable plugs directly into end of the test load.	

**LIFEPAK®20  
Supplies**

Catalog #	Description	
<b>11240-000013</b>	<b>Box of ECG Printer Paper, 50 mm x 30 m</b> 3 rolls per box	
<b>11120-000001</b>	<b>DERMA-JEL® Electrode Gel</b> Conductive gel for use with standard (hard) defibrillation paddles. 113 gr. (4 oz) tube.	

LIFEPAK®20  
**Training Accessories**

**LIFEPAK 20**

Catalog #	Description	
11201-000001	<p><b>QUIK-COMBO 3-Lead Patient Simulator</b></p> <p>Includes ECG, defibrillation, and pacing simulation.</p>	
11200-000001	<p><b>QUIK-COMBO 12-Lead Patient Simulator</b></p> <p>Includes ECG, defibrillation, pacing, and acute MI simulation. Use with 5-lead ECG feature.</p>	
11110-000011	<p><b>QUIK-COMBO Training Electrodes Cable (Extension Wire)</b></p> <p>Reusable cable that diverts energy back to patient simulator.</p> <p>For use with QUIK-COMBO defibrillation/ECG reusable training electrodes.</p>	
11103-000001	<p><b>QUIK-COMBO Reusable Training Electrodes</b></p> <p>Reusable training electrodes, good for 50 uses.</p> <p>Allows users to practice defibrillation, synchronized cardioversion, ECG monitoring and noninvasive pacing techniques. Designed to simulate use of the regular QUIK-COMBO pacing/defibrillation/ECG electrodes.</p> <p><u>Requires</u></p> <ul style="list-style-type: none"> <li>• QUIK-COMBO training electrodes cable.</li> <li>• QUIK-COMBO patient simulator or posted patient simulator with QUIK-COMBO test post adapter attached.</li> <li>• QUIK-COMBO compatible LIFEPAK defibrillator/monitor/pacemaker.</li> <li>• CPR manikin.</li> </ul>	
11101-000007	<p><b>Defibrillation/ECG Training Electrodes, Posted</b></p>	

Catalog #	Description	
26500-001340	<b>Operating Instructions</b>	
26500-001351	<b>Inservice Video - AED Defibrillation</b> VHS format. <i>Available in English.</i>	
26500-001316	<b>Inservice Video - Manual Defibrillation</b> VHS format. <i>Available in English.</i>	
26500-001212	<b>Service Manual on CD-ROM</b> <i>Available in English.</i>	
26500-000577	<b>Booklet: 'Defibrillation: What You Should Know'</b> Brief but comprehensive reference on defibrillation and synchronized cardioversion. <i>Available in English, French, German, Spanish.</i>	
26500-000507	<b>Booklet: 'Noninvasive Pacing What You Should Know'</b> A concise reference for noninvasive pacing. Important concepts in noninvasive pacing are shared including conduction system review, types of pacemakers, applications for noninvasive pacing, pacing modes, pacemaker timing cycles, the pacing procedure, troubleshooting guidelines and nursing care plan. Includes troubleshooting guidelines, glossary and commonly asked questions. <i>Available in English and French.</i>	
26500-000530	<b>Slides: 'Noninvasive Pacing: What You Should Know'</b> Consists of learning objectives, 65-plus 35mm slides with accompanying script, and self assessment questions. Slides cover: indications and applications for pacing; noninvasive pacing procedure; capture recognition illustrated by actual patient ECG strips; and troubleshooting tips for common pacing problems. Suitable for those new to pacing as well as the advanced practitioner. Includes educational booklet, Noninvasive Pacing - What You Should Know. <i>Available in English.</i>	

# LIFEPAK<sup>®</sup> 12

## Defibrillator/Monitor Series

LIFEPAK 12



### The most dynamic and diverse device of its kind

- Available with ADAPTIV™ biphasic technology.
- Compact and portable. The 12 weighs just 6 kg.
- Paddle preference. Your choice of standard paddles, pediatric paddles, and/or sterilizable internal and external paddles.
- Compatible with QUIK-COMBO™ pacing/defibrillation/ECG electrodes.
- Easy, simple, and affordable upgrades. Add new features and enhancements as systems change.

### Multiparameter Monitoring

- Nellcor Puritan Bennett™ pulse oximeter offers accurate and reliable oxygen saturation monitoring.
- Oscillometric noninvasive blood pressure (NIBP) monitoring, with artifact rejection and automatic measurement modes.
- End-tidal CO<sub>2</sub> (EtCO<sub>2</sub>) monitor for both intubated and nonintubated patients, with patented Microstream™, capnography technology and FilterLine™ accessories that operate smoothly even in high humidity.
- GE Marquette 12SL™ ECG analysis program provides industry-standard interpretation so you can make treatment decisions with confidence.
- Vital signs trending allows for rapid evaluation of changes in patient condition.
- Cardiac condition and risk are easily tracked. ST-segment deflection is measured every 30 seconds.








### Complete Customization





- Select AED, manual defibrillation or both, depending on users' skills and comfort level. Add noninvasive pacing, pulse oximetry (SpO<sub>2</sub>), 12-lead ECG, EL or LCD display, capnography and noninvasive blood pressure (NIBP), invasive pressure (IP).
- Take your pick of 50 mm or 100 mm printers, accessories and power options.



**LIFEPAK®12  
Defibrillator/Monitor**

**LIFEPAK 12**








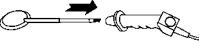

Catalog #	Description
<b>LP12BI</b>	<p><b>LIFEPAK® 12 Defibrillator/Monitor</b></p>  <p><u>Includes</u></p> <ul style="list-style-type: none"> <li>• <u>Manual</u> external defibrillation</li> <li>• 3-lead ECG cable (non 12-lead units only)</li> <li>• QUICK-COMBO therapy cable</li> <li>• 50 mm printer</li> <li>• Three pack ECG electrodes</li> <li>• Three rolls 50 mm paper</li> <li>• Operating instructions, inservice video, service manual on CD-ROM, and test load</li> </ul> <p><b>Batteries and carry case not included.</b></p>
<b>LP12EL</b>	<p><b>EL Display</b></p> <p>Electroluminescent display offers wide viewing angle and larger viewing area.</p> 
<b>LP12AED</b>	<p><b>AED (Automated External Defibrillator)</b></p> <p>Enables the 12 to be used as an AED.</p> 
<b>LP12PACING</b>	<p><b>Noninvasive Pacing</b></p> 
<b>LP12SPO2</b>	<p><b>SpO2 Pulse Oximetry (SpO2)</b></p> <p>Includes 1.2 m. (4 ft.) cable and a sample disposable sensor pack. Reusable sensor also available.</p> 
<b>LP12ECG12L</b>	<p><b>12-Lead ECG Monitoring</b></p> <p>Enables the 12 to acquire 12-lead ECGs using the GE Medical 12SL™ analysis program.</p> <p><u>Includes</u></p> <ul style="list-style-type: none"> <li>• 1.5 m. (5 foot) main trunk cable (optional 2.4 m. (8 foot) main trunk cable available)</li> <li>• 4-wire limb lead attachment</li> <li>• 6-wire precordial lead attachment</li> <li>• Two sets of ECG electrodes (3 pack)</li> <li>• One set of ECG electrodes (4 pack)</li> </ul> 
<b>LP12NIBP</b>	<p><b>Noninvasive Blood Pressure (NIBP)</b></p> <p>Includes a 3.5m. (12 foot) hose and one reusable adult cuff.</p>  <p><b>Use of LIFEPAK NiCd batteries is highly recommended with this option.</b></p>

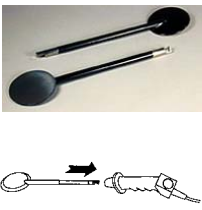






Catalog #	Description
<b>LP12CO2</b>	<p><b>Capnography (EtCO2)</b></p> <p>Enables the 12 for EtCO2 monitoring.</p>  <p><u>Includes</u></p> <ul style="list-style-type: none"> <li>• Two sets FilterLine adult/pediatric</li> <li>• One set FilterLine H adult/pediatric</li> <li>• One nasal FilterLine adult</li> <li>• 100 mm printer</li> <li>• Two rolls 100 mm strip recorder paper</li> </ul> <p><b>Use of LIFEPAK NiCd batteries is strongly recommended with this option.</b></p>
<b>LP12FAX</b>	<p><b>Fax Transmission</b></p> <p>Enables the 12 to transmit 12-lead ECG reports to a remote fax machine. Requires internal or external modem.</p>  <p><b>Must have the 12-lead option installed on the defibrillator/monitor.</b></p>
<b>LP12PRNT 100</b>	<p><b>100 mm Printer</b></p> <p>Larger printer enables printing of 3 channels of continuous waveform data and 12-lead ECG reports.</p>  <p><u>Includes</u></p> <ul style="list-style-type: none"> <li>• 100 mm printer (in place of 50 mm printer)</li> <li>• Two rolls of 100 mm strip recorder paper</li> </ul>
<b>LP12 VREC</b>	<p><b>LIFEPAK 12 Voice Recorder Accessory</b></p> <p>Records up to 90 minutes of on-scene audio. Attaches to the side of the 12.</p>  <p><b>Must have CODE-STAT™ Suite data management software, PC with supported operating system and USB port.</b></p>
<b>LP12 IP</b>	<p><b>Two Invasive Pressure Channels (IP)</b></p> <p>Includes Premium (trending) software package, 100 mm printer and 2 rolls of paper (in place of 50 mm printer and paper) and a 5-lead ECG cable.</p>
<b>LP12 TREND</b>	<p><b>Premium (Trending) Software for Vital Signs</b></p> <p>Includes ST measurement trending. Requires 100 mm printer to print trend reports.</p>

**For upgrade information of your LP12 defibrillator/monitor, please contact your local Medtronic Physio-Control representative.**

LIFEPAK® 12  
**Therapy Delivery Accessories and ECG Monitoring**


**LIFEPAK 12**



Catalog #	Description	
11130-000001	<p><b>Standard Hard Paddles</b></p> <p>One pair, for use with LIFEPAK 12.            With charge and discharge control buttons.</p> <p>For defibrillation and ECG monitoring.            Requires conductivity gel (such as DERMA-JEL®).</p>	
11133-000001	<p><b>Pediatric Paddle, External (1 each, 2 required)</b></p> <p>For use with patients weighing less than 10 kg (22 lbs).            Single paddle contained in order.            Two paddles required for therapy delivery.</p> <p>Paddle slides onto standard adult hard paddle or external sterilizable paddle.</p> <p>Approved for ethylene oxide gas or hydrogen peroxide plasma sterilization.</p>	 
11132-000005	<p><b>Posterior Paddle, External Adult (1 each)</b></p> <p>Slides onto standard adult hard paddle when anterior-posterior placement is desired.</p> <p>Approved for ethylene oxide gas or hydrogen peroxide plasma sterilization.</p>	
11131-000001	<p><b>Internal Paddle Handles with Discharge Control</b></p> <p>One pair sterilizable handles (with discharge control) for internal paddles.</p> <p>Cable length is 4.5 m. (15 feet).            Includes sterilization guidelines.</p> <p>Requires Medtronic Physio-Control internal paddles.</p> <p>Approved for steam, ethylene oxide gas or hydrogen peroxide plasma sterilization.</p>	 
11131-000010	<p><b>Internal Paddles, 2.5 cm (1 inch), for Handles w/ Discharge Control</b></p> <p>One pair of sterilizable internal paddles.</p> <p>Approved for steam, ethylene oxide gas or hydrogen peroxide plasma sterilization.</p>	 
11131-000011	<p><b>Internal Paddles, 3.8 cm (1.5 inch), for Handles w/ Discharge Control</b></p> <p>One pair of sterilizable internal paddles.</p> <p>Approved for steam, ethylene oxide gas or hydrogen peroxide plasma sterilization.</p>	

Catalog #	Description	
11131-000012	<p><b>Internal Paddles, 5 cm (2 inch) for Handles w/ Discharge Control</b></p> <p>One pair of sterilizable internal paddles.</p> <p>Approved for steam, ethylene oxide gas or hydrogen peroxide plasma sterilization.</p>	
11131-000013	<p><b>Internal Paddles, 6.4 cm (2.5 inch) for Handles w/ Discharge Control</b></p> <p>One pair of sterilizable internal paddles.</p> <p>Approved for steam, ethylene oxide gas or hydrogen peroxide plasma sterilization.</p>	
11131-000014	<p><b>Internal Paddles, 8.9 cm (3.5 inch) for Handles w/ Discharge Control</b></p> <p>One pair of sterilizable internal paddles.</p> <p>Approved for steam, ethylene oxide gas or hydrogen peroxide plasma sterilization.</p>	
11996-000017	<p><b>EDGE System Electrodes with QUIK-COMBO™ Connector and REDI-PAK Preconnect System</b></p> <p>For pacing/defibrillation/ECG/cardioversion.</p> <p>REDI-PAK preconnect system allows electrode connection prior to use without breaking the package seal. Saves valuable time at patient arrival.</p>	
11996-000091	<p><b>EDGE System Electrodes with QUIK-COMBO™ Connector</b></p> <p>For pacing/defibrillation/ECG/cardioversion.</p> <p>Lead wire is 0.6 m (2 feet) long.</p>	
11996-000092	<p><b>FAST-PATCH® Plus Disposable Defibrillation/ECG Electrodes</b></p> <p>For pacing/defibrillation/ECG/cardioversion.</p> <p>To pace, use QUIK-COMBO configured devices with cable 11110-000052.</p> <p><u>Notes:</u> Must be used with FAST-PATCH defibrillation cable designed for your device. If using with a LIFEPAK® 9 defibrillator/monitor, must have defibrillation adapter or shock advisory adapter in place.</p>	
11996-000093	<p><b>Pediatric EDGE System RTS Electrodes with QUIK-COMBO Connector</b></p> <p>For pacing/defibrillation/ECG/cardioversion.</p> <p><b>For use on manual defibrillator/monitors only.</b></p>	

Catalog #	Description	
11996-000090	<p><b>EDGE System RTS (Radiotransparent) Electrodes with QUIK-COMBO Connector</b></p> <p>For pacing/defibrillation/ECG/cardioversion.</p> <p>Disposable, radiotransparent electrodes eliminate the need for electrode removal during radiological procedures.</p> <p>Lead wire is 0.6 m (2 feet) long.</p>	
11102-000003	<p><b>Pediatric QUIK-PACE® Disposable Noninvasive Pacing Electrode</b></p>	
11996-000041	<p><b>QUIK-PACE® Disposable Noninvasive Pacing Electrodes</b></p>	
11100-000001	<p><b>LIFE PATCH ECG Electrodes, Adult, 3 pack</b></p> <p>Adhesive electrodes pre-gelled for your convenience. Single use adult electrodes.</p> <p>Package contains three electrodes.</p>	
11100-000002	<p><b>LIFE PATCH ECG Electrodes, Adult, 4 pack</b></p> <p>Adhesive electrodes pre-gelled for your convenience. Single use adult electrodes.</p> <p>Package contains four electrodes.</p>	
11104-000001	<p><b>Individually Packaged UNI-LEAD™ System Electrodes for EMS customers.</b></p> <p>Sold by the box. Each box contains 10 individually packaged UNI-LEAD System electrodes.</p>	
21330-000251	<p><b>UNI-LEAD™ Precordial Lead Attachment, Replacement</b></p> <p>Precordial lead attachment connects UNI-LEAD ECG electrode system to the 12-lead trunk cable.</p>	
11104-000005	<p><b>UNI-LEAD™ Adult Disposable Precordial ECG Electrode System, Starter Kit</b></p> <p>Integrates the six precordial (chest) electrodes into one unit for ease of application in obtaining a 12-lead ECG.</p> <ul style="list-style-type: none"> <li>• Provides fast, accurate placement for 12-lead ECG</li> <li>• Simplifies application of the 6 chest electrodes</li> <li>• Reduces variability due to individual lead placement</li> <li>• Simplifies and shortens training time</li> </ul> <p>Single patient use. Shelf-life from date of manufacture is 18 months. (Continues on the next page)</p>	

Temporarily not available






Catalog #	Description	
	<p>Starter kit contains one cable/connector, inservice video, a case of 10 individually packaged UNI-LEAD devices, and operating instructions.</p> <p><b>For use with the LIFEPAK 11 and 12 defibrillator/monitors only.</b></p>	
11110-000040	<p><b>QUIK-COMBO™ Therapy Cable</b></p> <p>For use with LIFEPAK 12 defibrillator/monitor.</p>	
11113-000002	<p><b>QUIK-COMBO™ Test Plug</b></p> <p>Test plug connects to QUIK-COMBO therapy cable to test cable integrity.</p>	
11110-000054	<p><b>QUIK-COMBO Extension Cable 1.2 m. (4 feet)</b></p>	
11110-000030	<p><b>3-Lead ECG Cable</b></p> <p>Connects to the LIFEPAK 12 and LIFEPAK 20 devices for acquiring 3-lead ECGs.</p> <p>With right angle connector, cable length is approximately 3.5 m. (12 feet).</p>	 
11110-000067	<p><b>5-Lead ECG Cable</b></p> <p>4 limb leads plus one chest lead, labeled “V1” on the LIFEPAK 12 reports.</p> <p>Right angle connector. Connects to the LIFEPAK 12 and LIFEPAK 20 devices.</p>	
11110-000111	<p><b>12-Lead ECG Patient Cable - Main 1.5 m. (5-foot) Trunk</b></p> <p>Right angle connector cable links the 12 to 4-wire limb lead and 6-wire precordial lead attachments.</p> <p><b>Note:</b> both 4-wire limb and 6-wire precordial leads are required to acquire a 12-lead ECG.</p>	 
11110-000110	<p><b>12-Lead ECG Patient Cable - Main 2.4 m. (8-foot) Trunk</b></p> <p>Right angle connector cable provides additional 0.91 m. (3 feet) of length when acquiring ECG readings.</p> <p>Links the 12 to the 4-wire limb lead and 6-wire precordial lead attachments.</p> <p><b>Note:</b> Both 4-wire limb and 6-wire precordial leads are required to obtain a 12-lead ECG.</p>	







Catalog #	Description	
<p><b>11110-000104</b></p>	<p><b>12-Lead ECG Patient Cable 4-Wire Limb Lead Attachment</b></p> <p>Connects to main trunk cable for acquiring limb lead ECGs.</p> <p><u>Note:</u> 6-wire precordial lead attachment also required for 12-lead ECGs.</p>	 <p>The image shows a bundle of four colored wires (red, yellow, green, black) with a connector at one end. Below it is a diagram of the cable's connection point to a main trunk cable, with an arrow pointing from the text in the description to this diagram.</p>
<p><b>11110-000105</b></p>	<p><b>12-Lead ECG Patient Cable 6-Wire Pre-Cordial Lead Attachment</b></p> <p>Connects to main trunk cable for acquiring precordial lead ECGs.</p> <p><u>Note:</u> 4-wire limb lead attachment also required for 12-lead ECGs.</p>	 <p>The image shows a bundle of six colored wires (red, yellow, green, black, blue, white) with a connector at one end. Below it is a diagram of the cable's connection point to a main trunk cable, with an arrow pointing from the text in the description to this diagram.</p>
<p><b>11110-000053</b></p>	<p><b>Fast Patch Adapter Cable</b></p> <p>Adapter cable connects FAST-PATCH disposable electrodes through the QUIK-COMBO™ cable.</p>	



LIFEPAK® 12  
Power Options

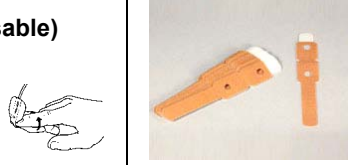
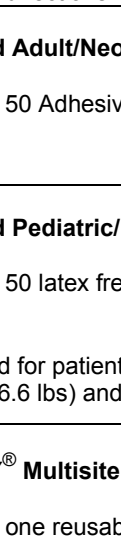
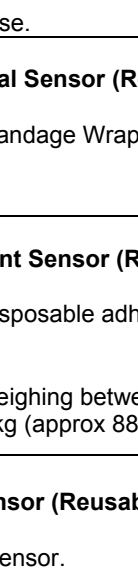
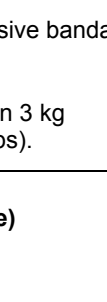
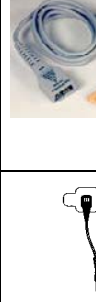


LIFEPAK 12

Catalog #	Description	
11141-000044	<p><b>FASTPAK Battery, 1.2 Amp Hour Capacity</b></p> <p>Rechargeable nickel-cadmium battery. Does not provide a state-of-charge indicator (order the FASTPAK 2 battery for this feature). May be recharged with the Battery Support System or the Battery Support System 2.</p> <p>NiCd batteries are best suited for high use, transport environments where the batteries are cycled frequently.</p>	
11141-000025	<p><b>FASTPAK 2 Battery, 1.2 Amp Hour Capacity</b></p> <p>Rechargeable nickel-cadmium (NiCd) battery. Provides state-of-charge indicator or 'fuel gauge' at the push of a button.</p> <p>May be recharged with the Battery Support System or the Battery Support System 2 (recommended). NiCd batteries are best suited for high use, transport environments where the batteries are cycled frequently.</p>	
11141-000027	<p><b>LIFEPAK NiCd Battery, 1.7 Amp Hour Capacity</b></p> <p>Rechargeable nickel-cadmium battery with 1.7 amp hours capacity, 40% more capacity than FASTPAK batteries.</p> <p>Strongly recommended when the 12 has multiple monitoring parameters/options. Provides state-of-charge indicator or 'fuel gauge' on the 12 screen. Automatically determines when conditioning is needed.</p> <p>NiCd batteries are best suited for high use, transport environments where the batteries are cycled frequently. Rechargeable only with the Battery Support System 2.</p>	
11141-000026	<p><b>LIFEPAK NiCd Battery, 2.4 Amp Hour Capacity</b></p> <p>Rechargeable nickel-cadmium, with fuel gage. <b>Must be used with an AC or DC Power Adapter that is compatible with 2.4 amp hour batteries.</b> Same size and weight as 1.7 amp hour battery (see above).</p>	
11141-000028	<p><b>LIFEPAK SLA Battery</b></p> <p>Rechargeable sealed lead acid battery with 2.5 amp hours capacity. Designed for low-use or crash cart applications where batteries experience infrequent use.</p> <p>May be charged with the AC or DC power adapter in the LIFEPAK 12 defibrillator/monitor or the Battery Support System 2. Use the Battery Support System 2 for optimal maintenance.</p>	

Catalog #	Description	
<b>BSS2</b>	<p><b>Battery Support System 2</b></p> <p>Intelligent, highly automated system recognizes and optimizes maintenance of both nickel cadmium (NiCd) and sealed lead acid (SLA) chemistry batteries. May be used with any FASTPAK or LIFEPAK battery (except batteries for the LIFEPAK 5 device).</p> <p>BSS2 is user-friendly and provides a clear indication when batteries are ready to use or need to be discarded.</p>	
<b>11210-00002</b>	<p><b>Wall Mount Bracket for Battery Support System 2</b></p> <p>Provides convenient wall storage for the BSS2.</p> <p>Mounting area is approximately 21.5 cm x 28 cm (8.5" x 11").</p>	
<b>LP12PA-AC</b>	<p><b>AC Power Adapter</b></p> <p>Provides line power for operation of the LIFEPAK 12 defibrillator/monitor and charges installed batteries.</p> <p>Available in 110V and 220V/240V configurations.</p> <p><u>Note:</u> Adapter does not provide battery conditioning.</p>	
<b>LP12PA-DC</b>	<p><b>12 Volt DC Power Adapter</b></p> <p>Provides line power for operation of the LIFEPAK 12 defibrillator/monitor and charges installed batteries.</p> <p><u>Note:</u> Adapter does not provide battery conditioning.</p>	
<b>49-82100004</b>	<p><b>Mobile Battery Service Station (MBSS)</b></p> <p>For use with the FASTPAK, LIFEPAK NiCd, and LIFEPAK SLA batteries.</p> <p>Includes power cord and operating instructions.</p> <p><u>Note:</u> Batteries not included.</p>	
<b>49-82100005</b>	<p><b>Mobile Battery Service Station (MBSS)</b></p> <p>Same as above.</p> <p>Includes wall mount and 12 Volt cable.</p>	
<b>11110-000051</b>	<p><b>Power Adapter Extension Cable for Use with LIFEPAK 12 or LIFEPAK 20</b></p> <p>Provides an additional approx. 84 cm (33") of cable during AC or DC power adapter use.</p>	

LIFEPAK® 12  
**NELLCOR SpO2 Sensors and Accessories**

**LIFEPAK 12**







Catalog #	Description	
11996-000116	<b>Oxisensor® II Pediatric Sensor (Disposable)</b> Box of 24	
11996-000113	<b>Oxisensor II Adult Sensor (Disposable)</b> Box of 24	
11996-000114	<b>Oxisensor II Adult Sensor, Long Cable (Disposable)</b> Box of 24	
11996-000060	<b>Durasensor® Adult Oxygen Sensor (Finger)</b> Includes one reusable clip. Sensor and cable for patients weighing greater than 40 kg (approx 88 lbs). Includes directions for use.	
11996-000061	<b>Oxiband Adult/Neonatal Sensor (Reusable)</b> Includes 50 Adhesive Bandage Wraps.	
11996-000062	<b>Oxiband Pediatric/Infant Sensor (Reusable)</b> Includes 50 latex free disposable adhesive bandage wraps. Designed for patients weighing between 3 kg (approx 6.6 lbs) and 40kg (approx 88 lbs).	
11996-000106	<b>DURA-Y® Multisite Sensor (Reusable)</b> Includes one reusable sensor.	
EC4-TYCO	<b>DEC-4 Cable Extension</b> 1.2 m. extension cable	
EC8-TYCO	<b>DEC-8 Cable Extension</b> 2.4 m. extension cable	

**For additional infant and neonatal accessories,  
 please contact your local Medtronic representative.**

LIFEPAK® 12

## EtCO2 Accessories

LIFEPAK 12

Catalog #	Description	
11996-000080	<p><b>FilterLine® H Set Adult/Pediatric</b></p> <p>Includes airway adapter. High humidity FilterLine 2 m. (79") for long term intubated patients (72 hours typical). Box of 25.</p>	
11996-000081	<p><b>FilterLine Set Adult/Pediatric</b></p> <p>Includes airway adapter. FilterLine 2 m. (79") for short term intubated patients (24 hours typical). Box of 25.</p>	
11996-000001	<p><b>FilterLine H Set Infant/Neonatal</b></p> <p>Includes airway adapter. High humidity FilterLine 2 m. (79") for long term intubated patients (72 hours typical). Box of 25.</p>	
21300-000006	<p><b>Airway Adapter Infant/Neonatal</b></p> <p>Requires XS04666, XS04667 or 006286. Box of 25.</p>	
11996-000126	<p><b>Smart CapnoLine™ with O2 Delivery – Adult</b></p> <p>For patients above 54kg (120 lbs). O2 delivery and CO2 sampling via mouth or nose 12 hours typical length of use. Box of 25.</p>	
11996-000127	<p><b>Smart CapnoLine with O2 Delivery - Intermediate</b></p> <p>For patients 20-54kg (44-120 lbs). O2 delivery and CO2 sampling via mouth or nose 12 hours typical length of use. Box of 25.</p>	
11996-000128	<p><b>Smart CapnoLine with O2 Delivery - Pediatric</b></p> <p>For patients less than 20 kg. O2 delivery and CO2 sampling via mouth or nose 12 hours typical length of use. Box of 25.</p>	
11996-000111	<p><b>Smart CapnoLine - Adult</b></p> <p>For patients above 54 kg. CO2 sampling via the mouth or the nose 12 hours typical length of use. Box of 25.</p>	

Catalog #	Description
11996-000119	<p><b>Smart CapnoLine™ - Intermediate</b></p> <p>For patients 20-54kg. CO2 sampling via the mouth or the nose 12 hours typical length of use. Box of 25.</p>
11996-000120	<p><b>Smart CapnoLine - Pediatric</b></p> <p>For patients less than 20 kg. CO2 sampling via the mouth and the nose 12 hours typical length of use. Box of 25.</p>

LIFEPAK® 12  
NIBP Supplies

Catalog #	Description
11996-000020	<p><b>Infant Cuff, Reusable</b></p> <p>High quality, durable nylon cuff has long-lasting Velcro® closure. 6 cm x 18 cm</p> 
11996-000022	<p><b>Child Cuff (Pediatric), Reusable</b></p> <p>9 cm x 27 cm</p>
11996-000023	<p><b>Small Adult Cuff, Reusable</b></p> <p>12 cm x 30 cm</p> 
11996-000024	<p><b>Adult Cuff, Reusable</b></p> <p>14 cm x 37.5 cm</p> 
11996-000025	<p><b>Large Adult Cuff, Reusable</b></p> <p>16 cm x 40 cm</p>
11996-000026	<p><b>Thigh Cuff, Reusable</b></p> <p>High quality, durable nylon cuff has long-lasting Velcro® closure. 20 cm x 54 cm</p> 
11996-000027	<p><b>Infant Cuff, Disposable</b></p> <p>Durable cuff material is readily cleaned. Velcro® closure withstands multiple applications. 6 cm x 15 cm</p>

Catalog #	Description	
11996-000028	<b>Child Cuff (Pediatric), Disposable</b> 9 cm x 22.5 cm	
11996-000029	<b>Small Adult Cuff, Disposable</b> 12 cm x 30 cm	
11996-000030	<b>Adult Cuff, Disposable</b> 14 cm x 35 cm	
11996-000031	<b>Large Adult Cuff, Disposable</b> 16 cm x 40 cm	
11996-000032	<b>X-Large Adult Cuff, Disposable</b> 20 cm x 50 cm	
11996-000089	<b>NIBP Hose</b> 3.7 m (12 foot) replacement hose for use with NIBP cuffs. Has luer-lock fitting for cuff attachment.	
11996-000033	<b>NIBP Hose</b> 2.7 m (9 foot) replacement hose for use with NIBP cuffs. Has luer-lock fitting for cuff attachment.	



LIFEPAK® 12  
Carrying Cases

LIFEPAK 12

Catalog #	Description	
11260-000012	<p><b>Basic Carrying Case</b></p> <p>Durable carrying case features snap closure, detachable shoulder strap, right-side, left-side and top pouch for battery, electrode or cable storage, and soft plastic front cover.</p>	
11260-000013	<p><b>Basic Carrying Case - with AC/DC Power Adapter</b></p> <p>Durable carrying case features snap closure, detachable shoulder strap, right-side, left-side and top pouch for battery, electrode or cable storage, and soft plastic front cover.</p> <p>Accommodates AC/DC power adapter attached underneath the 12.</p>	
11260-000010	<p><b>Replacement Shoulder Strap</b></p>	
11220-000028	<p><b>Top Pouch</b></p> <p>Snap-on pouch provides storage for sensors and electrodes. Pouch attaches in place of the standard hard paddles.</p> <p>Approximate size is 35.5 cm x 10 cm x 6.5 cm (14" x 4" x 2.5").</p> <p>Cannot be used with Hard Paddle configuration.</p>	
11220-000027	<p><b>Left Pouch</b></p> <p>Pouch with two internal compartments designed to hold NIBP cuff and tubing, ECG cable, and SpO2 sensor.</p> <p>Zip opening has two mesh pockets for storage of EtCO2 tubing and disposable SpO2 sensor.</p> <p>Approximately size: 23 cm x 23 cm x 7.5 cm (9" x 9" x 3").</p> <p>Requires basic carrying case.</p>	
11220-000036	<p><b>Back Pouch – Small</b></p> <p>Snap-on pouch provides storage for therapy and ECG electrodes.</p> <p>Approximate size: 30.5 cm x 20 cm x 4 cm (12" x 8" x 1.5").</p> <p>Requires basic carrying case.</p>	












**LIFEPAK 12**

Catalog #	Description	
<p><b>11220-000072</b></p>	<p><b>Back Pouch – Large</b></p> <p>Snap-on pouch provides storage for therapy and ECG electrodes. A strap on the pouch allows quick detachment for rapid battery access. Approximate size: 28 cm x 18 cm x 5 cm (11" x 7"x 2").</p> <p>Requires basic carrying case.</p>	
<p><b>11220-000033</b></p>	<p><b>Front Cover</b></p> <p>Soft plastic cover protects device display and keypads. Cover slides over the device handle. Included with basic carrying case.</p> <p>Cannot be used with removable acrylic screen shield.</p>	

LIFEPAK® 12  
**Training Tools and Accessories**




**LIFEPAK 12**

Catalog #	Description	
11201-000001	<p><b>QUICK-COMBO 3-Lead Patient Simulator</b></p> <p>Attaches to the defibrillator via the 3-lead cable and the QUIK-COMBO cable. Simulates:</p> <ul style="list-style-type: none"> <li>• Asystole</li> <li>• Bradycardia</li> <li>• Normal sinus rhythm</li> <li>• Ventricular fibrillation (VF)</li> <li>• V-tach</li> <li>• Patient motion</li> </ul>	
11200-000001	<p><b>QUICK-COMBO 12-Lead Patient Simulator</b></p> <p>Allows users to practice acquiring 12-lead ECGs, using the AED or manual defibrillation feature, and delivering shocks.</p> <p>Attaches to the 12 via the 12-lead ECG cable and/or the QUIK-COMBO cable. Simulates:</p> <ul style="list-style-type: none"> <li>• Asystole</li> <li>• Bradycardia</li> <li>• Interior and anterior myocardial infarction</li> <li>• Normal sinus rhythm (NSR)</li> <li>• Ventricular fibrillation (VF)</li> <li>• Ventricular tachycardia (VT)</li> <li>• Patient motion</li> </ul>	
11202-000006	<p><b>Patient Simulator – Posted</b></p> <p>Simulates:</p> <ul style="list-style-type: none"> <li>• Asystole</li> <li>• Normal sinus rhythm (NSR)</li> <li>• Ventricular fibrillation (VF)</li> <li>• Ventricular tachycardia (VT)</li> <li>• Patient motion</li> </ul> <p>For use with FAST-PATCH defibrillation cables.</p>	
11110-000011	<p><b>QUIK-COMBO Training Electrodes Cable (extension wire)</b></p> <p>Reusable cable that diverts energy back to patient simulator.</p> <p>For use with QUIK-COMBO Defibrillation/ECG reusable training electrodes.</p>	


Catalog #	Description	
<b>11103-000001</b>	<p><b>QUIK-COMBO™ Reusable Training Electrodes</b></p> <p>Reusable training electrodes, good for 50 uses.</p> <p>Allows users to practice defibrillation, synchronized cardioversion, ECG monitoring and noninvasive pacing techniques.</p> <p>Designed to simulate use of the regular QUIK-COMBO pacing/defibrillation/ECG electrodes.</p> <p><u>Requires:</u></p> <ul style="list-style-type: none"> <li>• QUIK-COMBO training electrodes cable</li> <li>• QUIK-COMBO patient simulator or posted patient simulator with QUIK-COMBO test post adapter attached</li> <li>• QUIK-COMBO compatible LIFEPAK defibrillator/monitor/pacemaker</li> <li>• CPR manikin</li> </ul>	
<b>11998-000011</b>	<p><b>QUIK-COMBO Test Post Adapter Kit</b></p> <p>Adapts the Medtronic Physio-Control posted patient simulator for use with QUIK-COMBO cables.</p>	
<b>11998-000160</b>	<p><b>QUIK-COMBO Therapy Cable Tester</b></p> <p>Tests integrity of the QUIK-COMBO therapy cable.</p>	
<b>11998-000060</b>	<p><b>Defibrillation Checker</b></p> <p>Tests integrity of energy delivery through the standard hard paddles.</p> <p>Neon light indicates energy has been delivered.</p>	
<b>11998-000022</b>	<p><b>Test Load</b></p> <p>Tests integrity of QUIK-COMBO therapy cables as part of an overall system test.</p> <p>QUIK-COMBO cable plugs directly into end of the test load.</p>	






LIFEPAK® 12  
ECG Printer Paper / Gel for Electrodes

LIFEPAK 12

Catalog #	Description	
11240-000013	<b>Recorder Paper, 50 mm x 30 m (100 ft.)</b> Box of 3 rolls	
11240-000016	<b>Strip Chart Recorder Paper, 100 mm x 22 m (73 ft.)</b> Box of 2 rolls	
11120-000001	<b>DERMA-JEL® Electrode Gel</b> Conductive gel for use with standard (hard) defibrillation paddles. 113 gr. (4 oz) tube.	

LIFEPAK® 12  
Literature

Catalog #	Description	
26500-001055	<b>Operating Instructions: LIFEPAK 12 Defibrillator/Monitor Series</b>	
26500-000173	<b>Operating Instructions: Battery Support System 2</b>	
26500-000214	<b>Inservice Video: LIFEPAK 12 Defibrillator/Monitor Series</b> Video explains steps in using the 12. Also covers basic orientation, device readiness, AED mode, manual defibrillation, all therapy procedures, and more. VHS format. <i>Available in English.</i>	
26500-000211	<b>LIFENET SYSTEM Video</b> A New Cardiac Care Model VHS format.	
26500-000161	<b>Service Manual (CD-ROM): LIFEPAK 12 Defibrillator/Monitor Series and Battery Support System 2</b> For use by qualified service personnel. Manuals describe how to maintain, test, troubleshoot and repair the LIFEPAK 12 defibrillator/monitor and Battery Support System 2.	

Catalog #	Description	
26500-000234	<p><b>Service Manual (Paper): LIFEPAK 12 Defibrillator/Monitor Series and Battery Support System 2</b></p> <p>For use by qualified service personnel.</p> <p>Service manuals describe how to maintain, test, troubleshoot and repair the LIFEPAK 12 defibrillator/monitor and Battery Support System 2.</p>	
26500-000137	<p><b>Booklet: 'Prehospital 12-lead ECG: What You Should Know'</b></p> <p>Reviews the basics of 12-lead ECG acquisition and interpretation.</p> <p>Includes practice ECGs, glossary and sample out-of-hospital protocols.</p> <p><i>Available in English.</i></p>	
26500-000577	<p><b>Booklet: 'Defibrillation: What You Should Know'</b></p> <p>Brief but comprehensive reference on defibrillation and synchronized cardioversion.</p> <p><i>Available in English, French, German, Spanish.</i></p>	
26500-000507	<p><b>Booklet: 'Noninvasive Pacing What You Should Know'</b></p> <p>A concise reference for noninvasive pacing. Important concepts in noninvasive pacing are shared including conduction system review, types of pacemakers, applications for noninvasive pacing, pacing modes, pacemaker timing cycles, the pacing procedure, troubleshooting guidelines and nursing care plan.</p> <p>Includes troubleshooting guidelines, glossary and commonly asked questions.</p> <p><i>Available in English and French.</i></p>	
26500-000530	<p><b>Slides: 'Noninvasive Pacing: What You Should Know'</b></p> <p>Consists of learning objectives, 65-plus 35mm slides with accompanying script, and self assessment questions.</p> <p>Slides cover: indications and applications for pacing; noninvasive pacing procedure; capture recognition illustrated by actual patient ECG strips; and troubleshooting tips for common pacing problems.</p> <p>Suitable for those new to pacing as well as the advanced practitioner.</p> <p>Includes educational booklet, <i>Noninvasive Pacing - What You Should Know</i>.</p> <p><i>Available in English.</i></p>	



**LIFENET products provide connectivity and integration of data from diverse medical hardware and software products.**

**You can manage this data to achieve:**

- more thorough and accurate patient records
- enhanced emergency program analysis
- improved quality assurance.

LIFENET products provide an easy-to-use, modular solution for your emergency data management needs. Hardware and software configurations work together like building blocks, allowing you to select and build a system to meet your needs. Open industry standards provide flexibility and longevity.

We spent the last decade developing and refining the LIFENET System. This intensive research and development process continues today, to create evolving and innovative data management solutions.

The goals of the LIFENET system are to integrate information across the entire emergency medical system, to give access to accurate, useful data, and - in the end - to help save more lives.

# LIFENET System Products: Seamless transfer, storage and management of emergency medical data.

## CODE-STAT™ Suite

Data Management System



For downloading, managing, and analyzing data from multiple defibrillators.

Now you can gather all dispatch, treatment, and outcome data into one collection point. This comprehensive database software is designed specifically for out-of-hospital environments. The CODE-STAT Suite software enables you to manage emergency medical data from the LIFEPAK® CR Plus, LIFEPAK® 500 AED, LIFEPAK® 11 and 12 devices, and the FIRST MEDIC® 510 and 610 semi-automatic defibrillators.

The CODE-STAT Suite software consists of software components that work like building blocks. These components are grouped into three main configurations to support your needs. Each configuration can be deployed as a stand-alone application, or used in tandem with the others, to create a total information solution. Starting with the DATA TRANSFER™ Plus program, each configuration builds upon the others, allowing you to expand your system when needed without having to replace it.

## LIFENET® DT Express

Information Management Program



For downloading and storing data from LIFEPAK® 500, LIFEPAK® CR Plus, and LIFEPAK® 12 defibrillator/monitors.

Simple storage and management of basic defibrillator data. Windows-based software manages data from LIFEPAK® devices. Download critical event and waveform data to your PC. Add supplemental patient data, print out a hardcopy report, and store records on a disk.

## DATA TRANSFER™ Plus

Data Transfer and Storage Program



For downloading and storing data, and sending to another location.

Download data from the LIFEPAK® CR Plus, LIFEPAK® 500, LIFEPAK® 11, and LIFEPAK® 12 devices and the FIRST MEDIC® 510 and 610 devices. Add supplemental patient and case data, store, transfer or print data out in a variety of reports.



## SYSTEM View program

for Administrators



### See the Big Picture

- Download and manage data
- Combine data from multiple defibrillators
- View and analyze data on a system wide basis

View multiple emergency cases with all statistical data combined. Print a variety of system-wide reports to facilitate business decisions and analysis. Experience faster and more convenient decision-making with electronic viewing of emergency incident data by multiple users and/or remote sites.

### Need to share your SYSTEM VIEW Pro database with others in your organization?

Install SYSTEM VIEW Client software on their PCs (users must be in the same networked computer system).

Easily and quickly share entire cases and ECG data and communicate with your medical director, administrator, and educators without shuffling paper. Facilitate business discussions and speed decision time. The Client software has all the same features available in the SYSTEM VIEW program

## LIFENET® RS

Receiving Station

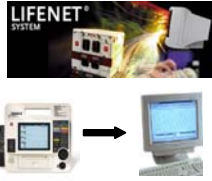



### Assess Patient Information Before ED Arrival

#### LIFENET RS Receiving Station

A complete system that allows physician and ED-staff to review 12-lead data transmitted from paramedics in the field and save time in the emergency department. Receives data via cellular or landline transmissions from LIFEPAK® 11 and 12 defibrillator/monitors.

LIFENET System  
Data Management

Catalog #	Description	
21340-000095	<p><b>LIFENET® DT Express Information Management Program</b></p> <p><b>Features:</b> LIFENET DT Express is a PC - based software product that allows LIFEPAK® AEDs to connect directly to a PC and then forward data on to another location. An intuitive, easy to use download wizard is included to speed the user through the download process. Users can download cases, add patient data, and save patient data to disk, and can print event logs, ECG data, and test log reports. Data can then be transferred out via modem to another PC running CODE-STAT™ SUITE data management applications.</p> <p><b>System Requirements:</b> Compatible with Microsoft® Windows 98 SE, Windows ME, Windows 2000 Professional (with Service Pack 1), Windows XP, and Windows NT Workstation (with Service Pack 6a).</p> <p><b>Devices Supported:</b> LIFENET DT Express software is for use with the LIFEPAK CR Plus defibrillator, LIFEPAK 500 defibrillator, and the LIFEPAK 12 defibrillator/monitor.</p> <p><b>Languages Supported:</b> Available in <i>English</i>.</p>	
60600-000110	<p><b>CODE-STAT™ SUITE: DATA TRANSFER Plus Software – EMS Data Transfer and Storage program.</b></p> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>- Data entry</li> <li>- Onscreen viewing</li> <li>- Attachments</li> <li>- Case merging</li> <li>- Print, save, send and receive cases by email, network, dial-up network or modem.</li> </ul> <p><b>System Requirements:</b> Microsoft® Windows® 98 SE, Windows NT® Workstation, Windows 2000 Professional or Windows XP.</p> <p><b>Devices Supported:</b> LIFEPAK CR Plus, LIFEPAK 500 defibrillators, and LIFEPAK 11, LIFEPAK 12 and LIFEPAK 20 defibrillator/monitors.</p> <p><b>Languages Supported:</b> Software available in <i>English, French, Spanish, Swedish, Italian, German, Danish, Dutch, or Norwegian</i>.</p>	
60600-000111	<p><b>CODE-STAT SUITE: DATA TRANSFER Plus Software – Hospital</b></p> <p>With hospitalized menus.</p>	

Catalog #	Description
60600-000112	<p><b>CODE-STAT SUITE: SYSTEM VIEW™.</b>  <b>System Review and Database Program - EMS</b></p> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>- Data Entry</li> <li>- Onscreen viewing</li> <li>- Attachments</li> <li>- Print, save, send and receive cases by email, network, dial-up network or modem.</li> <li>- Printed reports: Case report, continuous ECG waveform, summary ECG waveform, event log and test log report. Provides 12-lead ECG report and also the content of the CODE SUMMARY reports from the LIFEPAK 11, 12 and 20 defibrillator/monitors.</li> </ul> <p><b>System Requirements:</b> Microsoft® Windows® 98 SE, Windows NT® Workstation, Windows 2000 Professional or Windows XP.</p> <p><b>Devices Supported:</b> LIFEPAK CR Plus, LIFEPAK 500 defibrillators, and LIFEPAK 11, LIFEPAK 12 and LIFEPAK 20 defibrillator/monitors.</p> <p><b>Languages Supported:</b> Software available in <i>English, French, Spanish, Swedish, Italian, German, Danish, Dutch or Norwegian.</i></p>
60600-000113	<p><b>CODE STAT SUITE: SYSTEM VIEW</b>  <b>System Review and Database Program - Hospital</b></p> <p>With hospitalized menus.</p>



For information on CODE STAT SUITE software upgrade options, please contact your Medtronic Physio-Control representative.






LIFENET System  
**Demo Software**

Catalog #	Description
60600-000109	<p><b>Demo CD, CODE-STAT SUITE Software Assembly, Version 5.0</b></p> <p>Provides a preview of all CODE-STAT SUITE software features. Includes a sample database containing cases from LIFEPAK 500, 11, 12 and CR Plus devices. Allows for preview of reports, and allows audio playback of LIFEPAK 500 and LIFEPAK 12 device cases. The DEMO software will not accept data transmission or download from LIFEPAK devices, but the communication configuration screens are viewable. All features can be configured for use during a trial period. Contact your region's Medical Informatics Specialist for more details.</p> <p><b>System Requirements:</b> Compatible with Windows 98SE, Windows ME, Windows 2000 Professional</p>




Catalog #	Description	
	<p>(with Service Pack 1), Windows XP, and Windows NT® Workstation (with Service Pack 6a).</p> <p><b>Language Supported:</b> Software available in <i>English, French, Spanish, Swedish, Italian or German.</i></p>	

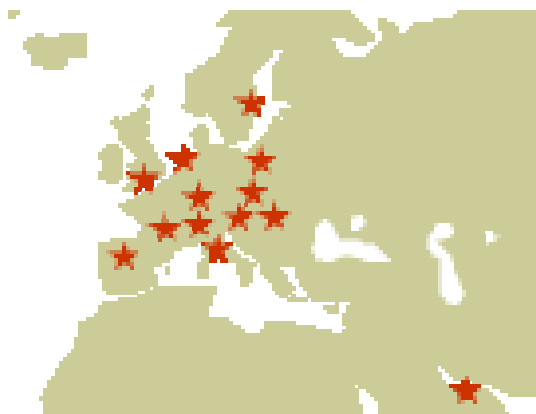
LIFENET System  
**Communication Accessories**

Catalog #	Description	
11230-000005	<p><b>LIFEPAK 12 Defibrillator-to-PC Serial Port Interface Cable</b></p> <p>Cable directly connects the 12 to a PC, enabling the download of incident data.</p> <p><b>Note:</b> Receiving PC must have a LIFENET data management product (such as CODE-STAT SUITE) in order to view incident data.</p>	
11150-000007	<p><b>LIFEPAK 12 Device to External Modem Cable - 1.8 m. (6 ft.)</b></p> <p>Connects the 12 to a Hayes-compatible modem for transfer of incident data.</p>	
11150-000008	<p><b>LIFEPAK 12 Device to External Modem Cable - 3 m. (10 ft.)</b></p> <p>Connects the 12 to a Hayes-compatible modem for transfer of incident data.</p>	
11110-000044	<p><b>Analog ECG Output Cable</b></p> <p>Enables analog transfer of ECG data.</p>	
11110-000055	<p><b>LIFEPAK 12 Configuration Transfer Cable</b></p> <p>50 cm (20 inch) cable allows transfer of set-up configuration from one 12 to another - ideal for multiple unit systems.</p>	

**For information on software upgrade options and additional communication accessories, please contact your local Medtronic Physio-Control representative.**

LIFENET System  
**Receiving Station**

Catalog #	Description	
<p><b>99404-000002</b></p>	<p><b>LIFENET RS Receiving Station</b></p> <p>The LIFENET RS (receiving station) is a PC based receiving station that receives, displays, and prints 12 - lead reports from the LIFEPAK 11 and 12 devices.</p> <p>Additionally, the receiving station can receive the following reports from the LIFEPAK 12 device:</p> <ul style="list-style-type: none"> <li>- A snapshot of any waveform</li> <li>- A snapshot of vital signs</li> <li>- Trend summary</li> <li>- All CODE SUMMARY events</li> </ul> <p>The LIFENET RS can also export the above reports to a fax machine, another LIFENET RS, and/or CODE-STAT SUITE software Version 4.0 and above.</p> <p><b>Hardware/software included:</b></p> <p>The LIFENET RS includes the RS software, computer, keyboard, mouse, flat panel monitor, 2 Internal Fax Modems, Laser printer, and Symantec PC Anywhere32.</p> <p><b>Note:</b> Customers will need to install 2 analog phone lines in their facility.</p>	
<p><b>99404-000001</b></p>	<p><b>LIFENET RS Receiving Station with Muse Compatibility</b></p> <p>This product option includes all the above product features plus the ability to interface with the GE Marquette MUSE<sup>®</sup> System, (version 5C). This product will be prepared to interface with the MUSE and transmit 12-lead reports from the LIFEPAK 12 device into the MUSE System.</p> <p><b>Note:</b> Customers will need to install 2 analog phone lines in their facility, and have MUSE version 5C.</p>	
<p><b>99404-000003</b></p>	<p><b>LIFENET RS Receiving Station with Siemens Compatibility</b></p> <p>This product option includes all the above product features for LIFENET RS Receiving Station plus the ability to interface with the Siemens MegaCare system. This product will be prepared to interface with the MEGACARE and transmit 12-lead reports from the LIFEPAK 12 device into the MEGACARE System.</p> <p><b>Note:</b> Customers will need to install 2 analog phone lines in their facility.</p>	



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