



Neuromodulation Product List

FREEDOM THROUGH INNOVATIVE NEUROSOLUTIONS



Ordering Information

To Place an Order

Call Medtronic of Canada Order Management:

Toll-Free: 1-888-879-0977 Fax: 1-888-208-8373

Customer Service representatives are on duty to take your order between 8:30 a.m. and 7:00 p.m., Eastern Standard Time. For faster service when calling, please have your account number available.

Payment Terms

Net 30 days from date of invoice. Prices are subject to change without notice. Minimum purchase order is \$50.00. All purchase orders are subject to acceptance by Medtronic of Canada Ltd. Please note G.S.T. and Provincial Sales Taxes are additional, if applicable.

Shipping

Implantable neurostimulation systems are shipped Freight On Board (F.O.B.) origin and are shipped by the most expedient method available.

Credit and Returns

Please call Medtronic of Canada Order Management for an RGA# prior to returning the product and be sure the RGA# is visible on the outside of the package. Returns **should be** sent to:

Medtronic of Canada Ltd.
6733 Kitimat Rd.
Mississauga, Ontario
L5N 1W3

Warning

The products described in this price list are intended for use only with Medtronic components. The use of other manufacturers' components with these products may result in damage to Medtronic components, less than adequate performance, or increased risks to the patient.

Please Read Before Ordering

When ordering, please consider all the components needed for a complete system for each patient procedure. Refer to specific model numbers in this catalog when placing your order.

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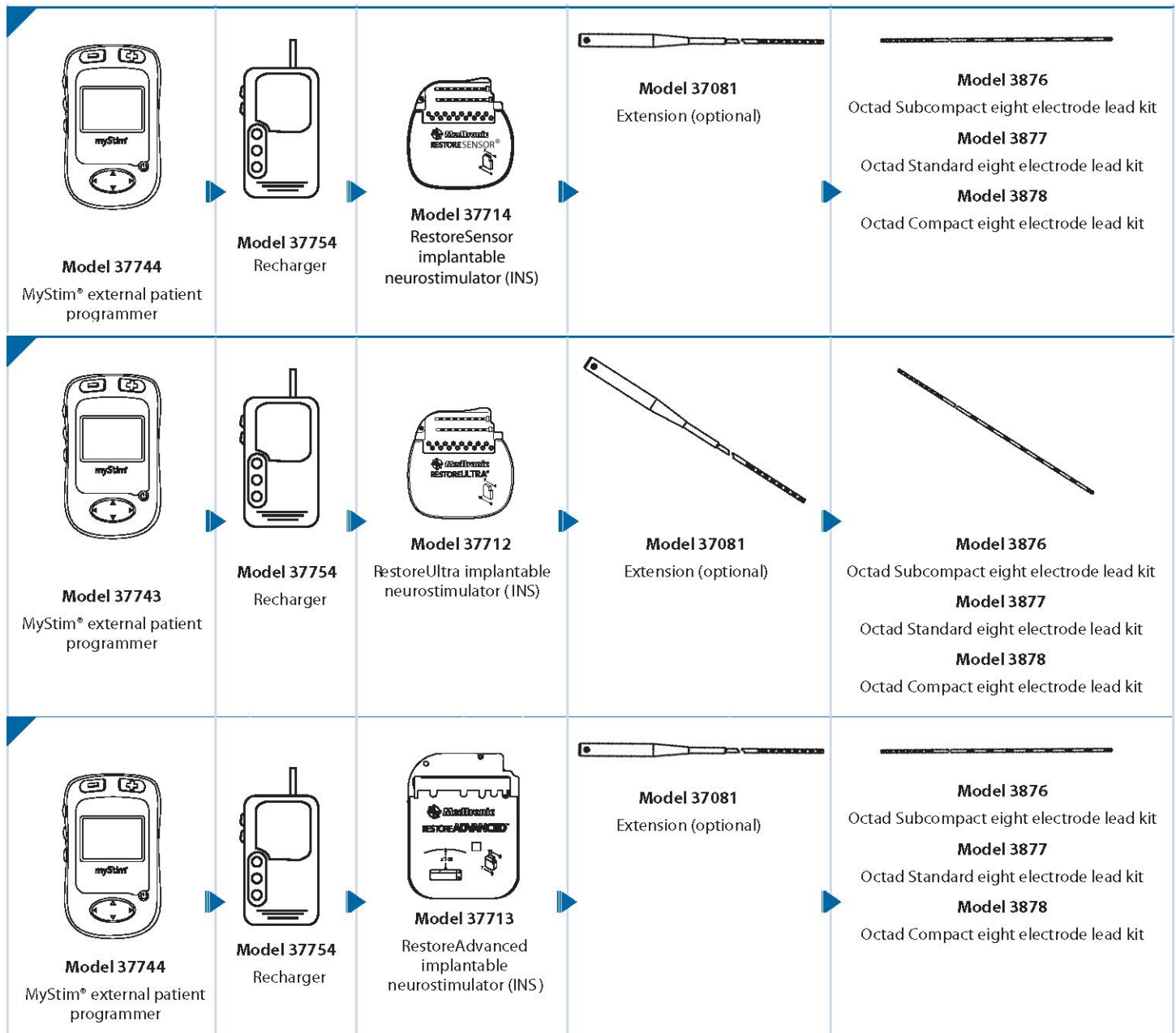
Access®	EZ™	Medtronic®	Pisces-Quad Plus®	Specify™
Access Review™	InDura®	MemoryMod®	PrimeAdvanced®	Stimloc™
Activa®	IsoMed®	myPTM™	RestoreAdvanced®	SymMix®
Activa® RC	ITB Therapy™	myStim®	RestoreSensor™	SynchroMed®
Activa® PC	Itrel®	N'Vision®	RestoreUltra™	Synergy®
Activa® SC	Itrel® EZ	Octad®	Resume®	Synergy® EZ
37085 extension	Itrel® 3	On-Point™	Resume II®	Titan™
37744 patient programmer	Kinetra®	Pisces-Quad®	SingleStim®	TwistLock™
AlgoLine®			Soletra®	
DBS™				
Dual4™				
DualScreen™				
DualStim™				



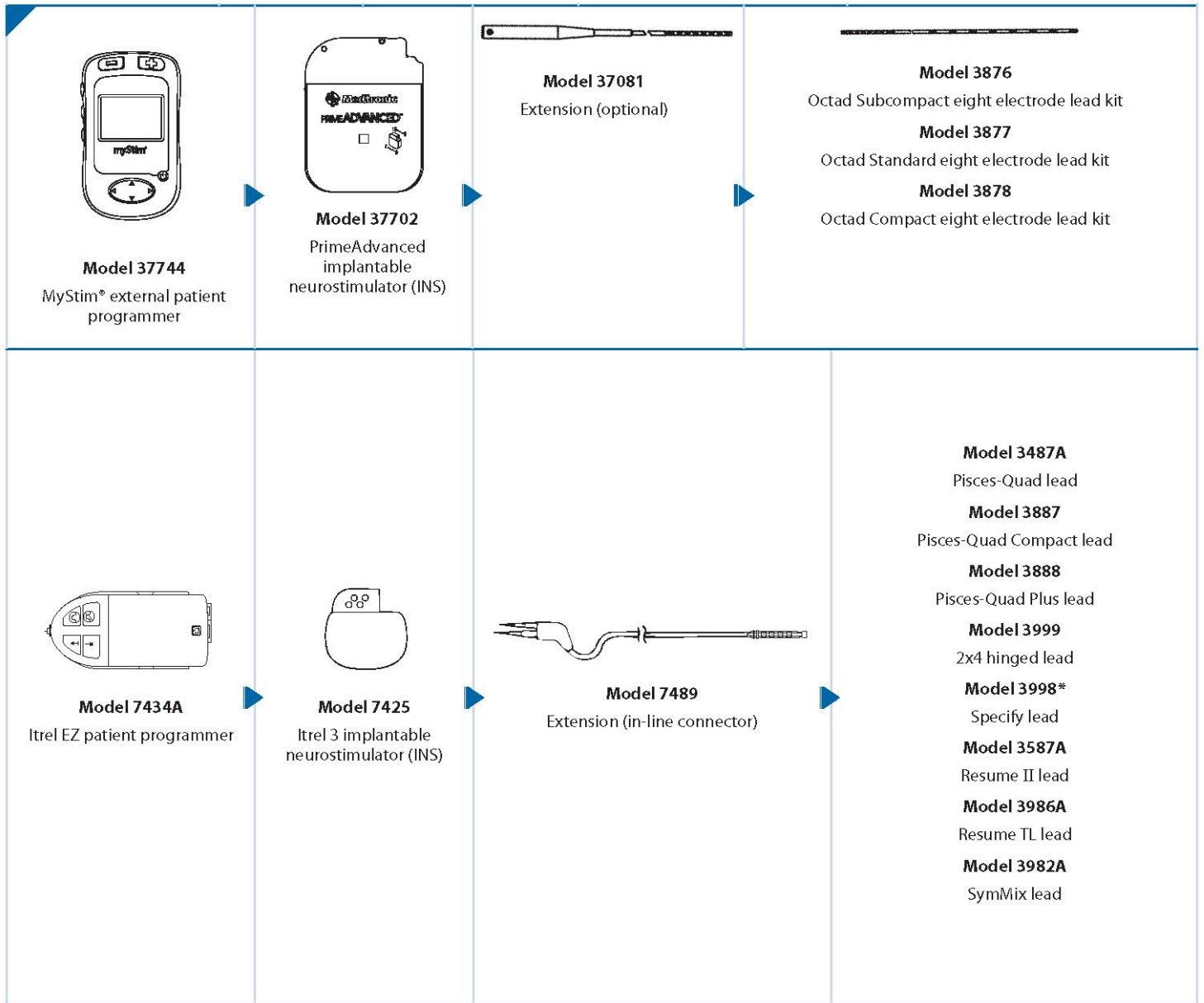
Neurostimulation Systems

Totally Implantable Systems Assembly Chart

A totally implantable system consists of a patient programmer, implantable neurostimulator (INS), extension(s), and lead(s).*


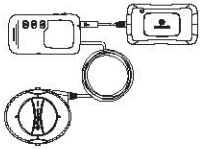




Totally Implantable Systems Assembly Chart


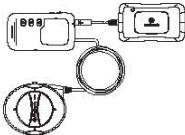




*Not compatible with 7434A or 7425.


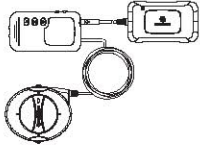


RestoreSensor™ System

MODEL NUMBER	DESCRIPTION
37714	<p>RestoreSensor implantable neurostimulator (INS)</p> <p>Provides the ability to use multiple groups with up to 4 programs each. Rechargeability provides added flexibility for high power users. Includes the added features of: TargetStim®, TargetMyStim™, Optimizer®, AutoFill®, GroupAdjust®, and group naming.</p> <p>Sterile Content (1) Neurostimulator (1) Torque Wrench (compatible with Restore systems and 1x8 leads)</p> <p>Nonsterile Content: Literature</p> 
37754	<p>External patient recharger system</p> <p>Used for recharging the RestoreSensor™, RestoreAdvanced®, RestoreUltra® and Restore® neurostimulators.</p> <p>Sterile Content: None</p> <p>Nonsterile Content: (1) Recharger and Antenna (1) AC Power Supply and Power Cord (1) Belt with Template (1) Pouch (1) System Carrying case (1) Spacer Literature</p> 
37744	<p>MyStim® external patient programmer</p> <p>Hand-held programmer that enables patient to adjust parameters (groups, programs, amplitudes, pulse width, and rate) for the INS or ENS. For use with RestoreAdvanced, Restore, PrimeAdvanced®, RestoreUltra, and RestoreSensor™.</p> <p>Sterile Content: None</p> <p>Nonsterile Content: (1) Patient Programmer (1) Carrying Case (2) AAA Battery Literature</p> 
37022	<p>Test stimulator (ENS)</p> <p>Used to evaluate a Medtronic neurostimulation system during lead placement or test stimulation.</p> <p>Nonsterile Content: (1) External Neurostimulator (1) External Neurostimulator Holder</p> <p>(2) AA Alkaline Battery Literature</p> 



RestoreUltra™ System

MODEL NUMBER	DESCRIPTION
37712	<p>RestoreUltra implantable neurostimulator (INS)</p> <p>Provides the ability to use multiple groups with up to 4 programs each. Rechargeability provides added flexibility for high power users. Includes the added features of: TargetStim®, TargetMyStim™, Optimizer®, AutoFill®, GroupAdjust®, and group naming.</p> <p>Sterile Content (1) Neurostimulator (1) Torque Wrench (compatible with Restore systems and 1x8 leads)</p> <p>Nonsterile Content: Literature</p> 
37754	<p>External patient recharger system</p> <p>Used for recharging the RestoreSensor™, RestoreAdvanced®, RestoreUltra® and Restore® neurostimulators.</p> <p>Sterile Content: None</p> <p>Nonsterile Content: (1) Recharger and Antenna (1) AC Power Supply and Power Cord (1) Belt with Template (1) Pouch (1) System Carrying case (1) Spacer Literature</p> 
37744	<p>MyStim® external patient programmer</p> <p>Hand-held programmer that enables patient to adjust parameters (groups, programs, amplitudes, pulse width, and rate) for the INS or ENS. For use with RestoreAdvanced, Restore, PrimeAdvanced®, RestoreUltra, and RestoreSensor™.</p> <p>Sterile Content: None</p> <p>Nonsterile Content: (1) Patient Programmer (1) Carrying Case (2) AAA Battery Literature</p> 
37022	<p>Test stimulator (ENS)</p> <p>Used to evaluate a Medtronic neurostimulation system during lead placement or test stimulation.</p> <p>Nonsterile Content: (1) External Neurostimulator (1) External Neurostimulator Holder</p> <p>(2) AA Alkaline Battery Literature</p> 



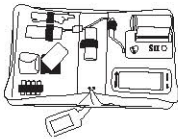
RestoreAdvanced® System

Model Number	Description	
37713	<p>RestoreAdvanced implantable neurostimulator (INS)</p> <p>Provides the ability to use multiple groups with up to four programs each. Rechargeability provides added flexibility for high power users.</p> <p>Sterile Content: (1) Neurostimulator (1) Torque Wrench (compatible with Restore systems and 1x8 leads)</p> <p>Nonsterile Content: Literature</p>	
37754	<p>External patient recharger system</p> <p>Used for recharging the RestoreSensor™, RestoreUltra and RestoreAdvanced and Restore neurostimulators.</p> <p>Sterile Content: None</p> <p>Nonsterile Content: (1) Recharger and Antenna (1) AC Power Supply and Power Cord (1) Belt with Template (1) Pouch (1) System Carrying case (1) Spacer Literature</p>	
37744	<p>MyStim® external patient programmer</p> <p>Hand-held programmer that enables patient to adjust parameters (groups, programs, amplitudes, pulse width, and rate) for the INS or ENS. For use with RestoreAdvanced, Restore, PrimeAdvanced, RestoreUltra, and RestoreSensor™.</p> <p>Sterile Content: None</p> <p>Nonsterile Content: (1) Patient Programmer (1) Carrying Case (2) AAA Battery Literature</p>	
37022	<p>Test stimulator (ENS)</p> <p>Used to evaluate a Medtronic neurostimulation system during lead placement or test stimulation.</p> <p>Nonsterile Content: (1) External Neurostimulator (1) External Neurostimulator Holder</p> <p>(2) AA Alkaline Battery Literature</p>	

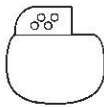
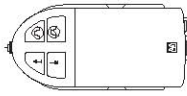
PrimeAdvanced® System

MODEL NUMBER	DESCRIPTION	
37702	<p>PrimeAdvanced implantable neurostimulator (INS)</p> <p>Provides the ability to use multiple groups with up to four programs each. Non-rechargeability provides added convenience for low- to moderate-power users.</p> <p>Sterile Content (1) Neurostimulator (1) Torque Wrench (compatible with Restore systems and 1x8 Octad leads)</p> <p>Nonsterile Content: Literature</p>	
37744	<p>MyStim® external patient programmer</p> <p>Hand-held programmer that enables patient to adjust parameters (groups, programs, amplitudes, pulse width, and rate) for the INS or ENS. For use with RestoreAdvanced, Restore, PrimeAdvanced, RestoreUltra and RestoreSensor™.</p> <p>Sterile Content: None</p> <p>Nonsterile Content: (1) Patient Programmer (1) Carrying Case (2) AAA Battery Literature</p>	

N'Vision System



MODEL NUMBER	DESCRIPTION	
8840	<p>N'Vision programmer</p> <p>The N'Vision clinician programmer is a small, hand-held and portable programming device. With a tough-screen display, removable telemetry head and several application specific buttons, the N'Vision programmer is optimized for convenience and simplicity. N'Vision system has a minimum requirement of an N'Vision programmer (8840) and an N'Vision application card (8870).</p>	
8870	<p>N'Vision application card</p> <p>The N'Vision application card contains all of the software applications necessary to program our implanted neurostimulation and drug delivery devices. One card contains all of the software you need. <i>Please consult Medtronic representative for relevant software version.</i></p>	
8527	<p>N'Vision portable printer</p> <p>This portable Seiko thermal printer works with the 8840 N'Vision clinician programmer through infrared (IR) communication. It comes with a portable protective case that holds all of the printer components, yet allows for easy access and use whenever you need it.</p>	

Itrel® 3 System





MODEL NUMBER	DESCRIPTION	
7425	Itrel 3 implantable neurostimulator (INS) Implantable pulse generator for spinal cord stimulation.	
	Sterile Content: (1) INS (1) Hex Wrench	Nonsterile Content: Literature
7434A	Itrel EZ patient programmer Small hand-held programmer for patients to turn Itrel 3 INS on/off, or to change amplitude, pulse width, and rate.	
	Sterile Content: None	Nonsterile Content: (1) Patient Programmer (1) Carrying Case (1) Wrist Strap (1) 9-Volt Battery Literature




Leads

See Systems Assembly Chart for compatibility

MODEL NUMBER	DESCRIPTION	
3876-45 3876-60 3876-75	1x8 octad subcompact lead kit with perc extension Model 3876 subcompact eight-electrode lead. Contacts 3.0 mm, spaced 1.5 mm.	
	Sterile Content: (1) Lead (1) 1x8 extension (1) Straight Stylet (0.25 mm white handle, white cap), (1) Bent Stylet (0.25 mm white handle, blue cap) (1) Straight Stylet (0.30 mm green handle, green cap) (1) Bent Stylet (0.30 mm green handle, blue cap) (1) Connector Boot, "Clear" (1) Connector Boot, "White"	Nonsterile Content: (1) Passing Straw (1) Torque Wrench (1) Guide Wire (1) Tunneling Tip (1) Tunneling Rod (1) 14 GA 3.5" Tuohy Needle (1) Two-Hole Anchor (1) Three-Hole Anchor (1) EZ Anchor (1) TwistLock Anchor Literature
3877-45 3877-60 3877-75	1x8 octad standard lead kit with perc extension Model 3877 standard eight-electrode lead. Contacts 3.0 mm, spaced 6 mm.	
	Sterile Content: (1) Lead (1) 1x8 extension (1) Straight Stylet (0.25 mm white handle, white cap), (1) Bent Stylet (0.25 mm white handle, blue cap) (1) Straight Stylet (0.30 mm green handle, green cap) (1) Bent Stylet (0.30 mm green handle, blue cap) (1) Connector Boot, "Clear" (1) Connector Boot, "White"	Nonsterile Content: (1) Passing Straw (1) Torque Wrench (1) Guide Wire (1) Tunneling Tip (1) Tunneling Rod (1) 14 GA 3.5" Tuohy Needle (1) Two-Hole Anchor (1) Three-Hole Anchor (1) EZ Anchor (1) TwistLock Anchor Literature





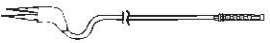
MODEL NUMBER	DESCRIPTION	
3878-45	1x8 octad compact lead kit with perc extension	
3878-60	Model 3878 compact eight-electrode lead. Contacts 3.0 mm, spaced 4 mm.	
3878-75	<p>Sterile Content:</p> <ul style="list-style-type: none"> (1) Lead (1) 1x8 extension (1) Straight Stylet (0.25 mm white handle, white cap), (1) Bent Stylet (0.25 mm white handle, blue cap) (1) Straight Stylet (0.30 mm green handle, green cap) <ul style="list-style-type: none"> (1) Passing Straw (1) Torque Wrench (1) Guide Wire (1) Tunneling Tip (1) Tunneling Rod (1) 14 GA 3.5" Tuohy Needle (1) Two-Hole Anchor (1) Three-Hole Anchor <ul style="list-style-type: none"> (1) EZ Anchor (1) TwistLock Anchor (1) Bent Stylet (0.30 mm green handle, blue cap) (1) Connector Boot, "Clear" (1) Connector Boot, "White" <p>Nonsterile Content: Literature</p>	
39286-30	Specify 2x8 Surgical Lead	
39286-65	<p>Specify 2x8 Surgical Lead</p> <p>One sixteen-contact lead. Contacts 4 mm, spaced 1 mm. Available in two lengths: 30 cm and 60 cm.</p> <p>Extension 37081-20 is required for trialing</p> <p>Sterile Content</p> <ul style="list-style-type: none"> (1) Lead (4) Connector boots, 1x8 low-profile (2 white radiopaque, 2 clear) (6) Anchors (65 cm lead package):two-wing (2), three-wing (2), EZ (2) (1) Passing elevator (1) Lead blank (1) tunneling rod (1) tunneling tip (narrow) (1) tube (passing straw) (1) Torque Wrench <p>Nonsterile Content: Literature</p>	
3487A-33	Pisces-Quad lead kit	
3487A-56 (special order only)	<p>One four-contact lead. Contacts 3 mm, spaced 6 mm.</p> <p>Available in 33 cm diameter and 56 cm length</p> <p>Sterile Content:</p> <ul style="list-style-type: none"> (1) Lead (1) Screening Cable (1) Bent Tip Stylet (2) Straight Stylet (1) Torque Wrench (1) Percutaneous Extension <ul style="list-style-type: none"> (1) Passing Straw (1) Guide Wire (1) Tunneling Tool (1) Tunneling Tool Wedge Tip (1) Boot (for Percutaneous Extension or 7495) (1) 15-Gauge Needle with Stylet (1) Short Stylet <ul style="list-style-type: none"> (1) Tunneling Tool Large Wedge Tip (1) Three-Hole Anchor (1) Two-Hole Anchor (1) TwistLock Anchor <p>Nonsterile Content: Literature</p>	
3887-33	Pisces-Quad Compact lead kit	
	<p>One four-contact lead. Contacts 3 mm, spaced 4 mm.</p> <p>Available in one length: 33 cm.</p> <p>Sterile Content:</p> <ul style="list-style-type: none"> (1) Lead (2) Straight Stylet (1) Torque Wrench (1) Bent Tip Stylet (1) Percutaneous Extension (1) Boot (for Percutaneous Extension or 7495) <ul style="list-style-type: none"> (1) Guide Wire (1) Tunneling Tool (1) Tunneling Tool Wedge Tip (1) Tunneling Tool Large Wedge Tip (1) 15-Gauge Needle with Stylet (1) Short Stylet (1) Passing Straw <ul style="list-style-type: none"> (1) Three-Hole Anchor (1) Two-Hole Anchor (1) TwistLock Anchor <p>Nonsterile Content: Literature</p>	
3888-33	Pisces-Quad Plus lead kit	
	<p>One four-contact lead. Contacts 6 mm, spaced 12 mm.</p> <p>Available in one length: 33 cm.</p> <p>Sterile Content:</p> <ul style="list-style-type: none"> (1) Lead (1) Screening Cable (1) Bent Tip Stylet (1) Short Stylet (2) Straight Stylet (1) Torque Wrench (1) Percutaneous Extension (1) Boot (for Percutaneous Extension or 7495) (1) 15-Gauge Needle with Stylet <ul style="list-style-type: none"> (1) Guide Wire (1) Tunneling Tool (1) Tunneling Tool Wedge Tip (1) Tunneling Tool Large Wedge Tip (1) Two-Hole Anchor (1) Three-Hole Anchor (1) Passing Straw (1) TwistLock <p>Nonsterile Content: Literature</p>	

MODEL NUMBER	DESCRIPTION	
3998	<p>Specify lead kit</p> <p>One eight-contact paddle lead. Lead paddle 7.9 mm wide, 1.8 mm thick.</p> <p>Sterile Content:</p> <ul style="list-style-type: none"> (1) Lead (1) Passing Elevator (2) Screening Cable (2) Percutaneous Extension (1) Tunneling Tool Tip (1) Tunneling Tool (1) Lead Blank (1) Hex Wrench (2) Short Stylet <p>Nonsterile Content: Literature</p>	<ul style="list-style-type: none"> (2) Boots (for Percutaneous Extension or 7495) (2) Two-Hole Anchor (2) Three-Hole Anchor (2) TwistLock Anchor (1) Passing Straw 
39565-30 39565-65 (SPECIAL ORDER ONLY)	<p>Specify 5-6-5 lead</p> <p>One 3-column, 16-contact paddle lead. Lead paddle 10 mm wide, 2 mm thick. Extension 37081-20 is required for trialing.</p> <p>Sterile Content:</p> <ul style="list-style-type: none"> (1) Lead (1) Passing Elevator (1) Tunneling Rod (1) Tunneling Tip (narrow) (1) Lead Blank (1) Torque Wrench <p>Nonsterile Content: Literature</p>	<ul style="list-style-type: none"> (4) Connector Boots (2 white radiopaque, 2 clear for 1x8 low profile) (1) Passing Straw 
399930 399945 399960	<p>2x4 hinged lead kit</p> <p>One eight-contact staggered electrode paddle lead available in three lengths: 30, 45, 60 cm. Lead paddle 9.9 mm wide 1.8 mm thick.</p> <p>Sterile Content:</p> <ul style="list-style-type: none"> (1) Lead (1) Passing Elevator (2) Screening Cable (2) Percutaneous Extension (1) Tunneling Tool Tip (1) Tunneling Tool (1) Torque Wrench (2) Boots (for Percutaneous Extension or 7495) (2) Two-Hole Anchor <p>Nonsterile Content: Literature</p>	<ul style="list-style-type: none"> (2) Three-Hole Anchor (2) EZ Anchor (2) TwistLock Anchor (1) Paddle Blank (3) Short Stylet (1) Connector Boot – White (1) Passing Straw 
3587A-25	<p>Resume II lead kit</p> <p>One four-plate contact lead. Lead paddle 8.0 mm wide, 1.8 mm thick, 25 cm long.</p> <p>Sterile Content:</p> <ul style="list-style-type: none"> (1) Lead (1) Passing Elevator (1) Screening Cable (1) Percutaneous Extension (1) Tunneling Tool Tip (1) Tunneling Tool (1) Lead Blank (1) Torque Wrench (1) Boot (for Percutaneous Extension or 7495) <p>Nonsterile Content: Literature</p>	<ul style="list-style-type: none"> (1) Two-Hole Anchor (1) Three-Hole Anchor (1) EZ Anchor (1) TwistLock Anchor (1) Short Stylet 


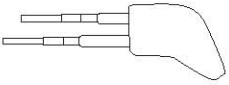
MODEL NUMBER	DESCRIPTION																				
3986A-25	<p>Resume TL (thin lead) lead kit</p> <p>One four-plate contact lead. Lead paddle 6.6 mm wide, 1.4 mm thick, 25 cm long.</p> <table border="0"> <tr> <td>Sterile Content:</td> <td>(1) Short Stylet</td> </tr> <tr> <td>(1) Lead</td> <td>(1) Two-Hole Anchor</td> </tr> <tr> <td>(1) Passing Elevator</td> <td>(1) Three-Hole Anchor</td> </tr> <tr> <td>(1) Screening Cable</td> <td>(1) EZ Anchor</td> </tr> <tr> <td>(1) Percutaneous Extension</td> <td>(1) TwistLock Anchor</td> </tr> <tr> <td>(1) Tunneling Tool Tip</td> <td></td> </tr> <tr> <td>(1) Tunneling Tool</td> <td>Nonsterile Content:</td> </tr> <tr> <td>(1) Lead Blank</td> <td>Literature</td> </tr> <tr> <td>(1) Torque Wrench</td> <td></td> </tr> <tr> <td>(1) Boot (for Percutaneous Extension or 7495)</td> <td></td> </tr> </table> 	Sterile Content:	(1) Short Stylet	(1) Lead	(1) Two-Hole Anchor	(1) Passing Elevator	(1) Three-Hole Anchor	(1) Screening Cable	(1) EZ Anchor	(1) Percutaneous Extension	(1) TwistLock Anchor	(1) Tunneling Tool Tip		(1) Tunneling Tool	Nonsterile Content:	(1) Lead Blank	Literature	(1) Torque Wrench		(1) Boot (for Percutaneous Extension or 7495)	
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3982A-25	<p>SymMix lead kit</p> <p>One four-plate contact lead. Lead paddle 10.0 mm wide, 1.8 mm thick, 25 cm long.</p> <table border="0"> <tr> <td>Sterile Content:</td> <td>(1) Short Stylet</td> </tr> <tr> <td>(1) Lead</td> <td>(1) Two-Hole Anchor</td> </tr> <tr> <td>(1) Passing Elevator</td> <td>(1) Three-Hole Anchor</td> </tr> <tr> <td>(1) Screening Cable</td> <td>(1) EZ Anchor</td> </tr> <tr> <td>(1) Percutaneous Extension</td> <td>(1) TwistLock Anchor</td> </tr> <tr> <td>(1) Tunneling Tool Tip</td> <td></td> </tr> <tr> <td>(1) Tunneling Tool</td> <td>Nonsterile Content:</td> </tr> <tr> <td>(1) Lead Blank</td> <td>Literature</td> </tr> <tr> <td>(1) Torque Wrench</td> <td></td> </tr> <tr> <td>(1) Boot (for Percutaneous Extension or 7495)</td> <td></td> </tr> </table> 	Sterile Content:	(1) Short Stylet	(1) Lead	(1) Two-Hole Anchor	(1) Passing Elevator	(1) Three-Hole Anchor	(1) Screening Cable	(1) EZ Anchor	(1) Percutaneous Extension	(1) TwistLock Anchor	(1) Tunneling Tool Tip		(1) Tunneling Tool	Nonsterile Content:	(1) Lead Blank	Literature	(1) Torque Wrench		(1) Boot (for Percutaneous Extension or 7495)	
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(1) Boot (for Percutaneous Extension or 7495)																					
3987A-25	<p>On-Point peripheral nerve stimulation lead kit</p> <p>One four-plate contact lead. Lead has same paddle dimensions as the Resume TL lead model 3986A with an added polyester mesh skirt. (25 cm long)</p> <table border="0"> <tr> <td>Sterile Content:</td> <td>(1) Short Stylet</td> </tr> <tr> <td>(1) Lead</td> <td>(1) Two-Hole Anchor</td> </tr> <tr> <td>(1) Screening Cable</td> <td>(1) Three-Hole Anchor</td> </tr> <tr> <td>(1) Percutaneous Extension</td> <td>(1) EZ Anchor</td> </tr> <tr> <td>(1) Tunneling Tool Tip</td> <td>(1) TwistLock Anchor</td> </tr> <tr> <td>(1) Tunneling Tool</td> <td></td> </tr> <tr> <td>(1) Torque Wrench</td> <td>Nonsterile Content:</td> </tr> <tr> <td>(1) Boot (for Percutaneous Extension or 7495)</td> <td>Literature</td> </tr> </table> 	Sterile Content:	(1) Short Stylet	(1) Lead	(1) Two-Hole Anchor	(1) Screening Cable	(1) Three-Hole Anchor	(1) Percutaneous Extension	(1) EZ Anchor	(1) Tunneling Tool Tip	(1) TwistLock Anchor	(1) Tunneling Tool		(1) Torque Wrench	Nonsterile Content:	(1) Boot (for Percutaneous Extension or 7495)	Literature				
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(1) Torque Wrench	Nonsterile Content:																				
(1) Boot (for Percutaneous Extension or 7495)	Literature																				
3862	<p>Verify® Temporary Screening Lead</p> <p>Four-electrode lead designed for use during temporary screening. Electrode size and spacing same as Pisces 3487A.</p>																				

Extensions

See Systems Assembly Chart for compatibility


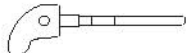
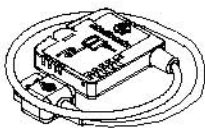

MODEL NUMBER	DESCRIPTION	
37081-20	<p>1x8 octad extension</p> <p>Used to connect 1x8 octad leads to Restore, PrimeAdvanced, RestoreAdvanced, RestoreUltra, and RestoreSensor. Available in one length: 20 cm.</p> <p>Required for trialing with 39286 and 39565.</p> <p>Sterile Content:</p> <ul style="list-style-type: none"> (1) Restore 1x8 Extension (1) Connector Boot, "Clear" (1) Connector Boot, "White" (2) Set Screw <p>Nonsterile Content:</p> <ul style="list-style-type: none"> (1) Tunneling Extension Passer (1) Tunneling Obturator (1) Torque Wrench Literature 	
37081-40 37081-60	<p>1x8 octad extension</p> <p>Used to connect 1x8 octad leads to Restore, PrimeAdvanced, RestoreAdvanced, RestoreUltra, and RestoreSensor. Available in two lengths: 40, 60 cm.</p> <p>Sterile Content:</p> <ul style="list-style-type: none"> (1) Restore 1x8 Extension (1) Connector Boot, "Clear" (1) Connector Boot, "White" (2) Set Screw <p>Nonsterile Content:</p> <ul style="list-style-type: none"> (1) Tunneling Extension Passer (1) Tunneling Obturator (1) Torque Wrench Literature 	
37082-20 37082-40 37082-60	<p>Bifurcated stretch coil extension</p> <p>Used to connect existing quadripolar (percutaneous/surgical) in-line leads with Restore system. Available in three lengths: 20, 40, 60 cm.</p> <p>Sterile Content:</p> <ul style="list-style-type: none"> (1) Tunneling Tool (1) Octapolar In-Line Neurostimulator Plug (1) Torque Wrench (2) Set Screw <p>Nonsterile Content:</p> <ul style="list-style-type: none"> (1) Tunneling Obturator (2) Low-Profile Boot (1) Dual Carrier Obturator Literature 	
37083-20 37083-40 37083-60	<p>Single Stretch-Coil™ extension</p> <p>Used to connect existing quadripolar (percutaneous/surgical) in-line leads with Restore system. Available in three lengths: 20, 40, 60 cm.</p> <p>Sterile Content:</p> <ul style="list-style-type: none"> (1) Extension (1) 38 cm Passer (1) Tunneling Obturator (1) Dual Carrier Obturator (1) Octapolar In-Line Neurostimulator Plug <p>Nonsterile Content:</p> <ul style="list-style-type: none"> (1) Torque Wrench (compatible with quadripolar leads and extensions) (2) Set Screw (1) 1x4 Low-profile Extension Boot, Clear (1) 1x4 Low-profile Extension Boot, White Literature 	
7489-10 7489-25 7489-40 7489-51 7489-66	<p>Low-profile Quad extension (with in-line connector) and accessories</p> <p>Available in five lengths: 10, 25, 40, 51, 66 cm.</p> <p>Sterile Content:</p> <ul style="list-style-type: none"> (1) Extension (1) Tunneling Obturator (1) Passer (1) Dual Carrier Obturator (1) Torque Wrench <p>Nonsterile Content:</p> <ul style="list-style-type: none"> (2) Additional Set Screws (2) Low-Profile Boot Literature 	

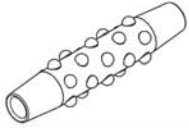
Neurostimulation Accessories

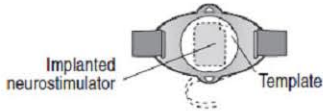
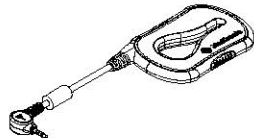
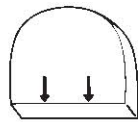
MODEL NUMBER	DESCRIPTION
3550-01	<p>Boots and anchors (To be used with older extensions)</p> <p>Sterile Content: (1) Boot Adapter – 7495/7495LZ (1) Boot Connector (DBS electrode) (1) Boot Connector (1) Boot Adaptor – 7496 (1) Anchor Sleeve – 3-Suture</p> <p>(1) Anchor Sleeve – 2-Suture (1) TwistLock Anchor</p> <p>Nonsterile Content: Literature</p>
3550-02	<p>Wrenches and screws</p> <p>Sterile Content: (2) Hex Wrench #2 (4) Long Set Screw (for INS) (4) Short Set Screw (for In-Line Extension and Lead)</p> <p>Nonsterile Content: Literature</p>
3550-03	<p>Screening cable (TwistLock)</p> <p>Sterile Content: (1) Screening Cable (TwistLock) (1) Stylet Knob</p> <p>Nonsterile Content: Literature</p> 
3550-04	<p>Epidural needle – 15-gauge</p> <p>Sterile Content: (1) 15-Gauge 3.5 Inch Epidural Needle with Stylet</p> <p>Nonsterile Content: Literature</p>
3550-05	<p>Percutaneous extension (in-line connector for quadripolar leads only)</p> <p>Sterile Content: (1) Percutaneous Extension (In-Line) (1) Tunneling Guide (1) Tunneling Guide Tip</p> <p>Nonsterile Content: Literature</p>
3550-06	<p>Tunneling tools</p> <p>Sterile Content: (1) Tunneling Guide (1) Tunneling Extender (1) Tunneling Guide Tip (1) Tunneling Wedge Tip (1) Carrier Tip (for Model 7495 Extension [In-Line])</p> <p>(1) Carrier Tip (for Model 7496 Flat Extension) (1) Extender Wrench</p> <p>Nonsterile Content: Literature</p>
3550-07	<p>Screening cable (alligator clips)</p> <p>Sterile Content: (1) Screening Cable with Two Attached Alligator Clips</p> <p>Nonsterile Contents: Literature</p> 
3550-08	<p>Ball-tip stylets for Pisces-Quad lead models 3487A, 3888, and 3887</p> <p>Sterile Content: (1) Ball-tipped Stylet (straight) for 28 cm Pisces-Quad Lead (1) Ball-tipped Stylet (bent 18°) for 28 cm Pisces-Quad Lead</p> <p>Nonsterile Content: Literature</p>
3550-09	<p>Dual lead/extension accessory kit</p> <p>Sterile Content: (1) INS Connector Plug (1) Closed Boot (for 7495) (1) Low-Profile Closed Boot (for 7489)</p> <p>Nonsterile Content: Literature</p> 

Neurostimulation Accessories

MODEL NUMBER	DESCRIPTION
3550-01	<p>Boots and anchors (To be used with older extensions)</p> <p>Sterile Content: (1) Boot Adapter – 7495/7495LZ (1) Boot Connector (DBS electrode) (1) Boot Connector (1) Boot Adaptor – 7496 (1) Anchor Sleeve – 3-Suture</p> <p>(1) Anchor Sleeve – 2-Suture (1) TwistLock Anchor</p> <p>Nonsterile Content: Literature</p>
3550-02	<p>Wrenches and screws</p> <p>Sterile Content: (2) Hex Wrench #2 (4) Long Set Screw (for INS) (4) Short Set Screw (for In-Line Extension and Lead)</p> <p>Nonsterile Content: Literature</p>
3550-03	<p>Screening cable (TwistLock)</p> <p>Sterile Content: (1) Screening Cable (TwistLock) (1) Stylet Knob</p> <p>Nonsterile Content: Literature</p> 
3550-04	<p>Epidural needle – 15-gauge</p> <p>Sterile Content: (1) 15-Gauge 3.5 Inch Epidural Needle with Stylet</p> <p>Nonsterile Content: Literature</p>
3550-05	<p>Percutaneous extension (in-line connector for quadripolar leads only)</p> <p>Sterile Content: (1) Percutaneous Extension (In-Line) (1) Tunneling Guide (1) Tunneling Guide Tip</p> <p>Nonsterile Content: Literature</p>
3550-06	<p>Tunneling tools</p> <p>Sterile Content: (1) Tunneling Guide (1) Tunneling Extender (1) Tunneling Guide Tip (1) Tunneling Wedge Tip (1) Carrier Tip (for Model 7495 Extension [In-Line])</p> <p>(1) Carrier Tip (for Model 7496 Flat Extension) (1) Extender Wrench</p> <p>Nonsterile Content: Literature</p>
3550-07	<p>Screening cable (alligator clips)</p> <p>Sterile Content: (1) Screening Cable with Two Attached Alligator Clips</p> <p>Nonsterile Contents: Literature</p> 
3550-08	<p>Ball-tip stylets for Pisces-Quad lead models 3487A, 3888, and 3887</p> <p>Sterile Content: (1) Ball-tipped Stylet (straight) for 28 cm Pisces-Quad Lead (1) Ball-tipped Stylet (bent 18°) for 28 cm Pisces-Quad Lead</p> <p>Nonsterile Content: Literature</p>
3550-09	<p>Dual lead/extension accessory kit</p> <p>Sterile Content: (1) INS Connector Plug (1) Closed Boot (for 7495) (1) Low-Profile Closed Boot (for 7489)</p> <p>Nonsterile Content: Literature</p> 

MODEL NUMBER	DESCRIPTION
355026	<p>1x8 octad lead revision kit (30, 45 cm)</p> <p>Used for revising or repositioning a Medtronic octad (3876, 3877, 3878) lead.</p> <p>Sterile Content: (1) 30 cm Bent Stylet (0.25 mm white handle, blue cap) (1) 45 cm Bent Stylet (0.25 mm white handle, blue cap) (1) 30 cm Straight Stylet (0.25 mm white handle, white cap) (1) 45 cm Straight Stylet (0.25 mm white handle, white cap) (1) 30 cm Bent Stylet (0.30 mm green handle, blue cap) (1) 45 cm Bent Stylet (0.30 mm green handle, blue cap) (1) 30 cm Straight Stylet (0.30 mm green handle, green cap) (1) 45 cm Straight Stylet (0.30 mm green handle, green cap) (1) Connector Boot, Clear (1) Connector Boot, White (1) Torque Wrench</p> <p>Nonsterile Content: Literature</p> <p>(1) Guide Wire (1) Tunneling Guide (1) Tunneling Guide Tip (1) 14 GA Tuohy Needle (1) Two-Hole Anchor (1) Three-Hole Anchor (1) EZ Anchor (1) TwistLock Anchor</p>
355027	<p>1x8 octad lead revision kit (60 cm and 75 cm)</p> <p>Used for revising or repositioning a Medtronic octad (3876, 3877, 3878) lead.</p> <p>Sterile Content: (1) 60 cm Bent Stylet (0.25 mm white handle, blue cap) (1) 75 cm Bent Stylet (0.25 mm white handle, blue cap) (1) 60 cm Straight Stylet (0.25 mm white handle, white cap) (1) 75 cm Straight Stylet (0.25 mm white handle, white cap) (1) 60 cm Bent Stylet (0.30 mm green handle, blue cap) (1) 75 cm Bent Stylet (0.30 mm green handle, blue cap) (1) 60 cm Straight Stylet (0.30 mm green handle, green cap) (1) 75 cm Straight Stylet (0.30 mm green handle, green cap) (1) Connector Boot, Clear (1) Connector Boot, White (1) Torque Wrench</p> <p>Nonsterile Content: Literature</p> <p>(1) Guide Wire (1) Tunneling Guide (1) Tunneling Guide Tip (1) 14 GA Tuohy Needle (1) Two-Hole Anchor (1) Three-Hole Anchor (1) EZ Anchor (1) TwistLock Anchor</p>
355028	<p>Epidural needle</p> <p>Sterile Content: (1) Epidural Needle (14-Gauge, 6 in)</p> <p>Nonsterile Content: Literature</p>
3550-29	<p>Plug and boot kit</p> <p>For use with Restore, PrimeAdvanced, RestoreAdvanced, RestoreUltra and RestoreSensor .</p> <p>Sterile Content: (1) Octapolar In-line Neurostimulator Plug (1) 1x8 Low-Profile Closed Boot</p> <p>Nonsterile Content: Literature</p>  
3550-31	<p>Snap-lid connector cable</p> <p>Can be used to trial in-line quadripolar (percutaneous/surgical) and octad leads.</p> <p>Sterile Content: (1) Snap-Lid Connector Cable</p> <p>Nonsterile Content: Literature</p> 
355032	<p>Epidural needle</p> <p>Sterile Content: (1) Epidural Needle (14-Gauge, 3.5 in)</p> <p>Nonsterile Content: Literature</p>
355038	<p>1x8 tunneling tool (38 cm)</p> <p>Used with 1x8 octad leads.</p> <p>Sterile Content: (1) 38 cm Extension Passer (1) Tunneling Obturator (1) Single Carrier Oburator</p> <p>Nonsterile Content: Literature</p> <p>(1) 1x8 Low-Profile Connector Boot</p>
3550-39	<p>Titan anchor</p> <p>Compatible with all percutaneous leads.</p> <p>Sterile Content: (2) Anchor</p> <p>Nonsterile Content: Literature</p> 

MODEL NUMBER	DESCRIPTION
355032	<p>Epidural needle</p> <p>Sterile Content: (1) Epidural Needle (14-Gauge, 3.5 in)</p> <p>Nonsterile Content: Literature</p>
355038	<p>1x8 tunneling tool (38 cm)</p> <p>Used with 1x8 octad leads.</p> <p>Sterile Content: (1) 38 cm Extension Passer (1) Tunneling Obturator (1) Single Carrier Oburator</p> <p>(1) 1x8 Low-Profile Connector Boot</p> <p>Nonsterile Content: Literature</p>
3550-39	<p>Titan anchor</p> <p>Compatible with all percutaneous leads.</p> <p>Sterile Content: (2) Anchor</p> <p>Nonsterile Content: Literature</p> 
3550-40	<p>Stretch-Coil extension revision kit Product discontinued as parts are available in other kits such as 3550-24 for boots and 3550-29 for plug.</p> <p>Sterile Content: (1) 1x4 Low-Profile Extension Boot, Clear (1) 1x4 Low-Profile Extension Boot, White (1) 1x4 Low-Profile Closed Extension Boot</p> <p>(1) Restore Plug</p> <p>Nonsterile Content: Literature</p>
3550-45	<p>Torque wrench 4 inch</p> <p>4 inch-ounce torque wrench compatible with lead kit models: 3487A, 3887, 3888, 3587A, 3982A, 3986A, 3987A, and 3999. Extension models: 7482/7482A, 7489, 37082, and 37083. Revision kit models: 3550-22 and 3550-23.</p>
3550-60	<p>1x8 tunneling tool (60 cm)</p> <p>Used with 1x8 Octad leads.</p> <p>Sterile Content: (1) 60 cm Extension Passer (1) Tunneling Obturator (1) Single Carrier Oburator</p> <p>(1) 1x8 Low-Profile Connector Boot</p> <p>Nonsterile Content: Literature</p>
355063	<p>Percutaneous lead introducer</p> <p>Sterile Content: (1) Guide Wire (1) Straight Stylet (1) Curved Stylet (1) Short Sheath</p> <p>(1) Long Sheath</p> <p>Nonsterile Content: Literature</p>
3550-P4	<p>Passing elevator large (accessory kit for 39565 lead if needed separately.)</p>
3550R33	<p>Sterile revision kit</p> <p>Compatible with 33-cm 3487A, 3887, 3888 Pisces-Quad® leads.</p> <p>Sterile Content: (1) 1x4 Extension boot (for percutaneous extension) (1) TwistLock Anchor (1) 2-Hole Anchor (1) 3-Hole Anchor (1) Hex Wrench (1) 15-Gauge 3.5" Needle with Stylet (1) Percutaneous Extension (1) Ball-Tipped Stylet (straight) for 33-cm Pisces-Quad Electrode (1) Ball-Tipped Stylet (Bent 18°) for 33-cm Pisces-Quad Electrode</p> <p>(1) TwistLock Screening Cable (1) Short Stylet (1) Tunneling Guide (1) Tunneling Guide Tip (1) Guidewire</p> <p>Nonsterile Content: Literature</p>

MODEL NUMBER	DESCRIPTION
3550-54	<p>Patient recharger belt</p> <p>Used for abdominal implants with model 37754 and 37752 recharger . Non sterile contents : (1) recharger belt Documentation</p> 
3550-55	<p>Patient recharger holster</p> <p>Used for pectoral implants with model 37754 & 37752 recharger . Non sterile contents : (1) recharger holster documentation</p> <p>Shoulder holster not shown</p>
355538	<p>Tunneling tool (38 cm)</p> <p>38 cm tunneling tool for low-profile extension. For use with Quad percutaneous leads.</p> <p>Sterile Content: (1) Passer (1) Tunneling Obturator (1) Dual Carrier Obturator</p> <p>Nonsterile Content: Literature</p>
355560	<p>Tunneling tool (60 cm)</p> <p>60 cm tunneling tool for low-profile extension. For use with Quad percutaneous leads.</p> <p>Sterile Content: (1) Passer (1) Tunneling Obturator (1) Dual Carrier Obturator</p> <p>Nonsterile Content: Literature</p>
37092	<p>External patient programmer antenna</p> <p>To be used with 37742, 37743 and 37744 patient programmers.</p> <p>Sterile Content: None</p> <p>Nonsterile Content: (1) External Antenna Literature</p> 
7440-23	<p>Antenna</p> <p>Antenna for optional use with model 7434A Itrel EZ and 7435 Synergy EZ patient programmers. Available in one length:23 inches.</p> <p>Sterile Content: None</p> <p>Nonsterile Content: (1) Antenna Literature</p>
3440 3440-36	<p>Antenna (Matrix and X-TREL)</p> <p>Antenna (24" or 36") for use with model 3210 Matrix transmitter and with model 3425-1 X-TREL transmitter (obsolete).</p> <p>Sterile Content: None</p> <p>Nonsterile Content: (1) Antenna Literature</p>
7452	<p>Control magnets</p> <p>Used to turn Itrel IPGs on and off, and to change between two amplitude settings (Itrel II only).</p> <p>Sterile Content: None</p> <p>Nonsterile Content: (2) Control Magnet Literature</p> 

MODEL NUMBER	DESCRIPTION
040618	<p>Tape discs For use with models 7440 and 3440.</p> <p>Sterile Content: None</p> <p>Nonsterile Content: (50) Tape Disc Literature</p>
080118	<p>Medical adhesive</p> <p>Sterile Content: (1) Tube (1) Applicator Nozzle</p> <p>Nonsterile Content: Literature</p>
173866	<p>Printer paper for programmer model 8840. (NAP-0112-025) Replacement printer paper for programmer model 8840.</p> <p>Sterile Content: None</p> <p>Nonsterile Content: (5) Rolls of Paper</p>
74001	<p>1x4 Pocket adaptor kit for spinal cord stimulation Distal end connects to a Medtronic quadripolar extension and proximal end connects to a neurostimulator.</p> <p>Sterile Content: (1) Pocket adaptor (1) Octapolar in-line neurostimulator plug (1) Wrench, torque</p> <p>Nonsterile Content: Literature</p>
74002	<p>2x4 Pocket adaptor kit for spinal cord stimulation Distal end connects to two Medtronic quadripolar extensions or one bifurcated extension and proximal end connects to a neurostimulator.</p> <p>Sterile Content: (1) Pocket adaptor (1) Octapolar in-line neurostimulator plug (1) Wrench, torque</p> <p>Non sterile content: Literature</p>



Intrathecal Drug
Delivery Pump Therapy

Drug Delivery Systems

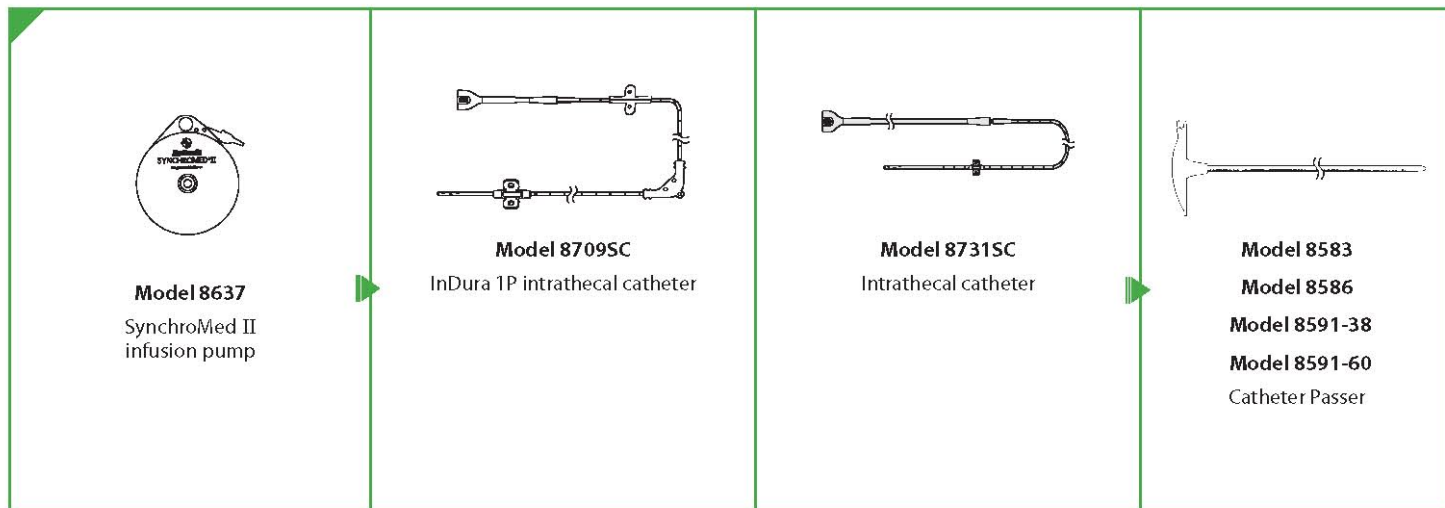
Drug Delivery Systems Assembly Chart

PLEASE READ BEFORE ORDERING:



Implantable Medtronic SynchroMed infusion systems consist of a pump, a catheter, a catheter connector, and a catheter passer.

Additional components of the systems consist of refill kits and catheter access port kits. SynchroMed systems also use an external programmer.

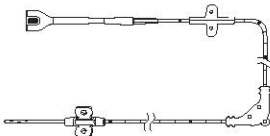
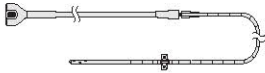
Any of the pumps shown in the chart below can be used with any of the InDura catheters shown in the chart below.






SynchroMed® II Programmable Pumps





MODEL NUMBER	DESCRIPTION	
8637-20	<p>SynchroMed II infusion pump with filter Programmable, 20 mL reservoir and suture loops.</p> <p>Sterile Content: (1) Pump (1) 22-Gauge Needle (1) 24-Gauge Needle</p> <p>Nonsterile Content: Literature</p>	
8637-40	<p>SynchroMed II infusion pump with filter Programmable, 40 mL reservoir and suture loops.</p> <p>Sterile Content: (1) Pump (1) 22-Gauge Needle (1) 24-Gauge Needle</p> <p>Nonsterile Content: Literature</p>	

Intrathecal Catheters




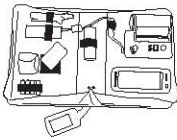

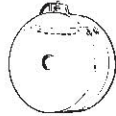
MODEL NUMBER	DESCRIPTION	
8709SC	<p>InDura 1P Intrathecal Catheter (sutureless pump connector) One-piece, radiopaque, silicone catheter, sutureless pump connector, closed tip, 89 cm length, 1.4 mm (4 Fr) outside diameter, 0.53 mm inside diameter, 1 cm markings for 69 cm.</p> <p>Sterile Content: (1) Catheter with inserted guide wire (1) Sutureless pump connector with attached catheter and connector pin (catheter interface components) (1) Straight anchor</p> <p>(1) 90-degree angle anchor (2) V-wing anchor (2) Transparent strain-relief sleeves (1) 15 T-gauge introducer needle (9.3 cm)</p> <p>Nonsterile Content: (1) Ruler Literature</p>	
8731SC	<p>Intrathecal Catheter (sutureless pump connector) One radiopaque, silicone catheter with closed tip and six-side exit holes. Distal catheter is marked with centimeter markings is 38 cm long and has a 1.4 mm (4.2 Fr) outside diameter, 0.53 mm inside diameter. The proximal catheter section has a sutureless pump connector and pre-attached catheter connector/anchor pin and is 66 cm long. The outside diameter of the proximal catheter is 2.2 mm (6.5 Fr) with a 0.53 mm inside diameter.</p> <p>Sterile Content: (1) Spinal segment with inserted guide wire (1) Pump segment with attached sutureless pump connector, connector pin, and strain-relief sleeve (1) Connector Pin</p> <p>(2) Transparent spinal segment strain-relief sleeve (2) Opaque pump segment strain-relief sleeve (2) V-wing anchors (2) 15 T-gauge introducer needles (11.4 cm and 9.3 cm)</p> <p>Nonsterile Content: (1) Ruler Literature</p>	
8709	<p>InDura® 1P One-Piece Intrathecal Catheter <i>(For use with IsoMed Pump.)</i> Trimable, one-piece Radiopaque silicone. Section length 89cm, with 0.54mm inner diameter & 1.4mm (4 F) outside diameter, 1 cm length markers. Use with Model 859138 Catheter Passer or 8590-41 Tunnelling Rod. Closed tip; 6 side holes.</p> <p>Sterile Content: Catheter with inserted guide wire (1) 40° pump connector (1) 15 T-gauge introducer needle (1) Straight anchor (1) 90° angle anchor (1) V-wing anchor</p> <p>Nonsterile Content: (1) Ruler Literature</p>	




Intrathecal Catheters



MODEL NUMBER	DESCRIPTION
8780	<p>Ascenda Catheter (Short) 4-layer catheter with an inner lumen of silicone tubing covered by a thermoplastic PET braid and a polyurethane outer jacket, sutureless pump connector, closed tip, and 6 side holes. 114.3 cm total length, 1.2 mm (4-Fr) outer diameter, 0.5 mm inner diameter, 1 cm interval marker.</p> <p>Sterile Content: (1) Spinal segment with inserted guidewire (86.4 cm) (1) Pump segment with attached sutureless pump connector (27.9 cm), and catheter connector with 2 attached collets (1) 16 T-gauge introducer needle (11.4 cm) (1) Anchor with anchor dispenser</p> <p>Nonsterile Content (1) Ruler Product literature</p> 
8781	<p>Ascenda Catheter (Long) 4-layer catheter with an inner lumen of silicone tubing covered by a thermoplastic PET braid and a polyurethane outer jacket, sutureless pump connector, closed tip, and 6 side holes. 139.7 cm length, 1.2 mm (4-Fr) outer diameter, 0.5 mm inner diameter, 1 cm interval marker.</p> <p>Sterile Content: (1) Spinal segment with inserted guidewire (66 cm) (1) Pump segment with attached sutureless pump connector (73.7 cm) Catheter connector with 2 attached collets (1) 16 T-gauge introducer needle (11.4 cm) (1) Anchor with anchor dispenser</p> <p>Nonsterile Content (1) Ruler Product literature</p> 
8782	<p>Spinal Segment Revision Kit Replaces the spinal segment of the Ascenda model numbers 8780 or 8781 catheter.</p> <p>Sterile Content: (1) Spinal segment with inserted guidewire (86.4 cm) (1) Catheter connector with 2 attached collets (1) 16 T-gauge introducer needle (11.4 cm) Anchor with anchor dispenser</p> <p>Nonsterile Content • (1) Ruler • Product literature</p> 

<p>8711</p>	<p>InDura Free-Flow intrathecal catheter <i>(For use with IsoMed Pump.)</i></p> <p>One radiopaque, silicone catheter with closed tip and six side exit holes. Distal catheter is marked with 1cm markings for 20cm, is 38cm long and has a 1.4mm (4.2 Fr) outside distal diameter, 0.53mm inside diameter. The proximal catheter section is 66cm long. The outside diameter of the proximal catheter is 2.2mm (6.5 Fr) with a 0.53mm inside diameter.</p> <p>Sterile Content:</p> <table border="0"> <tr> <td>Spinal segment with inserted guide wire</td> <td>(1) Strain-relief sleeve</td> <td>Nonsterile Content:</td> </tr> <tr> <td>(1) Pump segment</td> <td>(1) 90° angle anchor</td> <td>(1) Ruler</td> </tr> <tr> <td>(1) Connector pins (2)</td> <td>(1) Straight anchor</td> <td>Literature</td> </tr> <tr> <td>(1) 15 T-gauge introducer needle</td> <td>(1) V-wing anchor</td> <td></td> </tr> <tr> <td></td> <td>(1) Pump segment anchors (2)</td> <td></td> </tr> </table>	Spinal segment with inserted guide wire	(1) Strain-relief sleeve	Nonsterile Content:	(1) Pump segment	(1) 90° angle anchor	(1) Ruler	(1) Connector pins (2)	(1) Straight anchor	Literature	(1) 15 T-gauge introducer needle	(1) V-wing anchor			(1) Pump segment anchors (2)	
Spinal segment with inserted guide wire	(1) Strain-relief sleeve	Nonsterile Content:														
(1) Pump segment	(1) 90° angle anchor	(1) Ruler														
(1) Connector pins (2)	(1) Straight anchor	Literature														
(1) 15 T-gauge introducer needle	(1) V-wing anchor															
	(1) Pump segment anchors (2)															
<p>8784</p>	<p>8784 Pump Segment Revision Kit</p> <p>Replaces the pump segment portion of the Ascenda model numbers 8780 or 8781 catheter.</p> <p>Sterile Content:</p> <ul style="list-style-type: none"> (1) Pump segment with attached sutureless pump connector (73.7 cm) (1) Catheter connector with 2 attached collets <p>Nonsterile Content</p> <ul style="list-style-type: none"> (1) Ruler Product literature 															
<p>8785</p>	<p>Accessory Kit</p> <p>Sterile Content:</p> <ul style="list-style-type: none"> • Anchor with anchor dispenser tool • Anchor removal tool • Catheter connector with 2 attached collets 															
<p>8786</p>	<p>3.6 inch Spinal Needle</p> <p>Sterile Content:</p> <ul style="list-style-type: none"> • 16 T gauge introducer needle (9.1 cm) 															
<p>8787</p>	<p>6 inch Spinal Needle</p> <p>Sterile Content:</p> <ul style="list-style-type: none"> • 16 T-gauge introducer needle (15.2 cm) 															

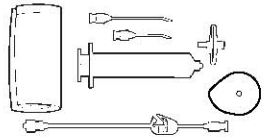
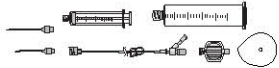
Accessories

MODEL NUMBER	DESCRIPTION	
8835	<p>myPTM Personal Therapy Manager</p> <p>A hand-held accessory to the SynchroMed II intrathecal infusion system that permits a patient to initiate a physician prescribed bolus.</p> <p>Sterile Content: None</p> <p>Nonsterile Content: (1) Personal Therapy Manager (1) Carrying Case (4) AAA Battery Literature</p>	
37092	<p>Patient programmer antenna</p> <p>Antenna that attaches to clothing for better visibility of LCD screen while using patient programmer.</p> <p>Sterile Content: None</p> <p>Nonsterile Content: (1) External Antenna Literature</p>	
8870	<p>N'Vision application card</p> <p>Contact Medtronic representative for current software version. For use with the model 8840 N'Vision programmer. Contains all the software applications necessary to program Medtronic implanted neurostimulation and drug delivery devices.</p> <p>Sterile Content: None</p> <p>Nonsterile Content: (1) Case (1) Application Card (1) Literature</p>	
8840	<p>N'Vision programmer</p> <p>The N'Vision clinician programmer is a small, hand-held and portable programming device. With a tough-screen display, removable telemetry head and several application specific buttons, the N'Vision programmer is optimized for convenience and simplicity. N'Vision system has a minimum requirement of an N'Vision programmer (8840) and an N'Vision application card (8870).</p>	
8527	<p>N'Vision portable printer</p> <p>This portable Seiko thermal printer works with the 8840 N'Vision clinician programmer through infrared (IR) communication. It comes with a portable protective case that holds all of the printer components, yet allows for easy access and use whenever you need it.</p>	
8529	<p>SynchroMed magnet for the N'Vision programmer</p> <p>Required for programming SynchroMed and SynchroMed EL drug pumps, the magnet snaps into a specially designed slot on the bottom of the 8840 N'Vision programmer telemetry head.</p> <p>Sterile Content: None</p> <p>Nonsterile Content: (1) Magnet Literature</p>	
173866	<p>Printer paper for programmer models 8820, 8821, and 8840. (NAP-0112-025)</p> <p>Replacement printer paper for programmer models 8820, 8821, and 8840.</p> <p>Sterile Content: None</p> <p>Nonsterile Content: (5) Rolls of Paper</p>	
8590-1	<p>SynchroMed mesh pouch</p> <p>Individually packaged pouch for SynchroMed pumps.</p> <p>Sterile Content: (1) Mesh Pouch</p> <p>Nonsterile Content: Literature</p>	

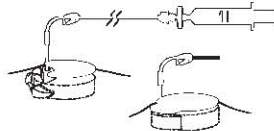

MODEL NUMBER	DESCRIPTION	
8575	<p>40 degree pump connector</p> <p>For use with the InDura Model 8709 1P intrathecal catheter and SynchroMed pumps with a catheter access port.</p> <p>Sterile Content: (1) 40 Degree Connector</p> <p>Nonsterile Content: Literature</p>	
8577	<p>90 degree pump connector</p> <p>For use with the InDura Model 8709 1P intrathecal catheter and all IsoMed pumps or SynchroMed pumps without a catheter access port.</p> <p>Sterile Content: (1) 90 Degree Connector</p> <p>Nonsterile Content: Literature</p>	
8578	<p>Sutureless pump connector</p> <p>For use with the InDura Model 8709SC 1P intrathecal catheters and also IsoMed pumps or SynchroMed pumps with or without catheter access port.</p> <p>Sterile Content: (1) Catheter interface with attached connector pin, and strain-relief (2) Strain-relief sleeves</p> <p>Nonsterile Content: (1) Ruler Literature</p>	
8583	<p>Catheter passer (38 cm)</p> <p>38 cm hollow stainless steel tunneling device with removable handle and polypropylene obturator for use with the model 8731SC intrathecal catheter.</p> <p>Sterile Content: (1) Catheter Passer (1) Obturator (1) Tip</p> <p>Nonsterile Content: (1) Sheath Literature</p>	
8586	<p>Catheter passer (60 cm)</p> <p>60 cm hollow stainless steel tunneling device with polypropylene obturator for use with the model 8731SC intrathecal catheter.</p> <p>Sterile Content: (1) Catheter Passer (1) Obturator (1) Tip</p> <p>Nonsterile Content: (1) Sheath Literature</p>	
8590-8	<p>Catheter accessory kit (for InDura intraspinal catheter Model 8711)</p> <p>Sterile Content: (1) Catheter Tubing Connector Pin (1) Strain Relief Sleeve (2) Butterfly Anchor (1) Right Angle Elbow Anchor (1) V-Wing Anchor</p> <p>Nonsterile Content: Literature</p>	
8590-9	<p>Catheter accessory kit (repair kit for InDura catheter Model 8709 and distal end of InDura catheter Models 8709SC and 8711)</p> <p>Sterile Content: (2) Tubing Connector Pin with attached Strain Relief (1) Catheter Tubing (7-8 Inches Long) (1) Butterfly Anchor (1) Right Angle Elbow Anchor (1) V-Wing Anchor</p> <p>Nonsterile Content: Literature</p>	

MODEL NUMBER	DESCRIPTION
8591-38	<p>Catheter passer</p> <p>38 cm hollow stainless steel tunneling device with removable handle and polypropylene obturator for use with the model 8709SC intrathecal catheters.</p> <p>Sterile Content: (1) Catheter Passer (1) Tunneling Obturator (1) Sheath</p> <p>Nonsterile Content: Literature</p> 
8591-60	<p>Catheter passer</p> <p>60 cm hollow stainless steel tunneling device with removable handle and polypropylene obturator for use with the model 8709SC intrathecal catheters.</p> <p>Sterile Content: (1) Catheter Passer (1) Tunneling Obturator (1) Sheath</p> <p>Nonsterile Content: Literature</p> 
8596	<p>Pump Segment Revision Kit (sutureless pump connector)</p> <p>Replaces the pump segment portion of the Model 8731 intrathecal catheter for IsoMed pumps.</p> <p>Sterile Content: (1) Pump segment with attached sutureless pump connector (2) Opaque pump segment strain-relief sleeve (2) Transparent spinal segment strain-relief sleeve</p> <p>Nonsterile Content: (1) Connector pin (1) Ruler Literature</p>
8596SC	<p>Pump Segment Revision Kit (sutureless pump connector)</p> <p>Replaces the pump segment portion of the Model 8731SC intrathecal catheter for IsoMed pumps.</p> <p>Sterile Content: (1) Pump segment with attached sutureless pump connector (2) Opaque pump segment strain-relief sleeve (2) Transparent spinal segment strain-relief sleeve</p> <p>Nonsterile Content: (1) Connector pin (1) Ruler Literature</p>
8598A	<p>Spinal Segment Revision Kit</p> <p>Replaces the spinal segment of the 8731SC intrathecal catheter.</p> <p>Sterile Content: (1) Spinal segment with inserted guide wire (2) 15 T-gauge introducer needles (11.4 cm and 9.3 cm) (2) Transparent spinal segment strain-relief sleeve (2) Opaque pump segment strain-relief sleeve</p> <p>Nonsterile Content: (1) V-wing anchor (1) Connector pin (1) Ruler Literature</p>
3550PH6	<p>Introducer needle</p> <p>15T- Gauge Needle 6" – to be used for intrathecal and epidural catheter introduction. Same needle as in 8709SC and 8731SC catheter but in 6" length rather than standard 3.650" length.</p>

Refill kits

MODEL NUMBER	DESCRIPTION
8551	<p>SynchroMed refill kit</p> <p>Sterile Content: (1) 1.5 inch 22-Gauge Needle (1) 2.0 inch 22-Gauge Needle (1) Extension Tubing Set (1) .22 Micron Filter (1) 20 mL Syringe (1) Template (1) Fenestrated Drape (1) Instruction Manual</p> <p>Nonsterile Content: Literature</p> 
8553	<p>IsoMed refill kit</p> <p>Sterile Content: (1) 1.5 inch 22-Gauge Needle (1) 2.0 inch 22-Gauge Needle (1) Y-Connector & Clamp (1) .22 Micron Filter (1) Template (1) 10 mL Filling Syringe</p> <p>(1) 60 mL Lidded Emptying Syringe (1) Fenestrated Drape (1) Instruction Manual</p> <p>Nonsterile Content: Literature</p> 
8555	<p>Bulk refill kit</p> <p>Contains eight sterile packs.</p> <p>Sterile Content: (1) Y-Connector & Clamp (1) .22 Micron Filter (1) 1.5 inch 22-Gauge Needle (1) 2.0 inch 22-Gauge Needle (1) Template</p> <p>Nonsterile Content: Literature</p>

Catheter Access Port Kits

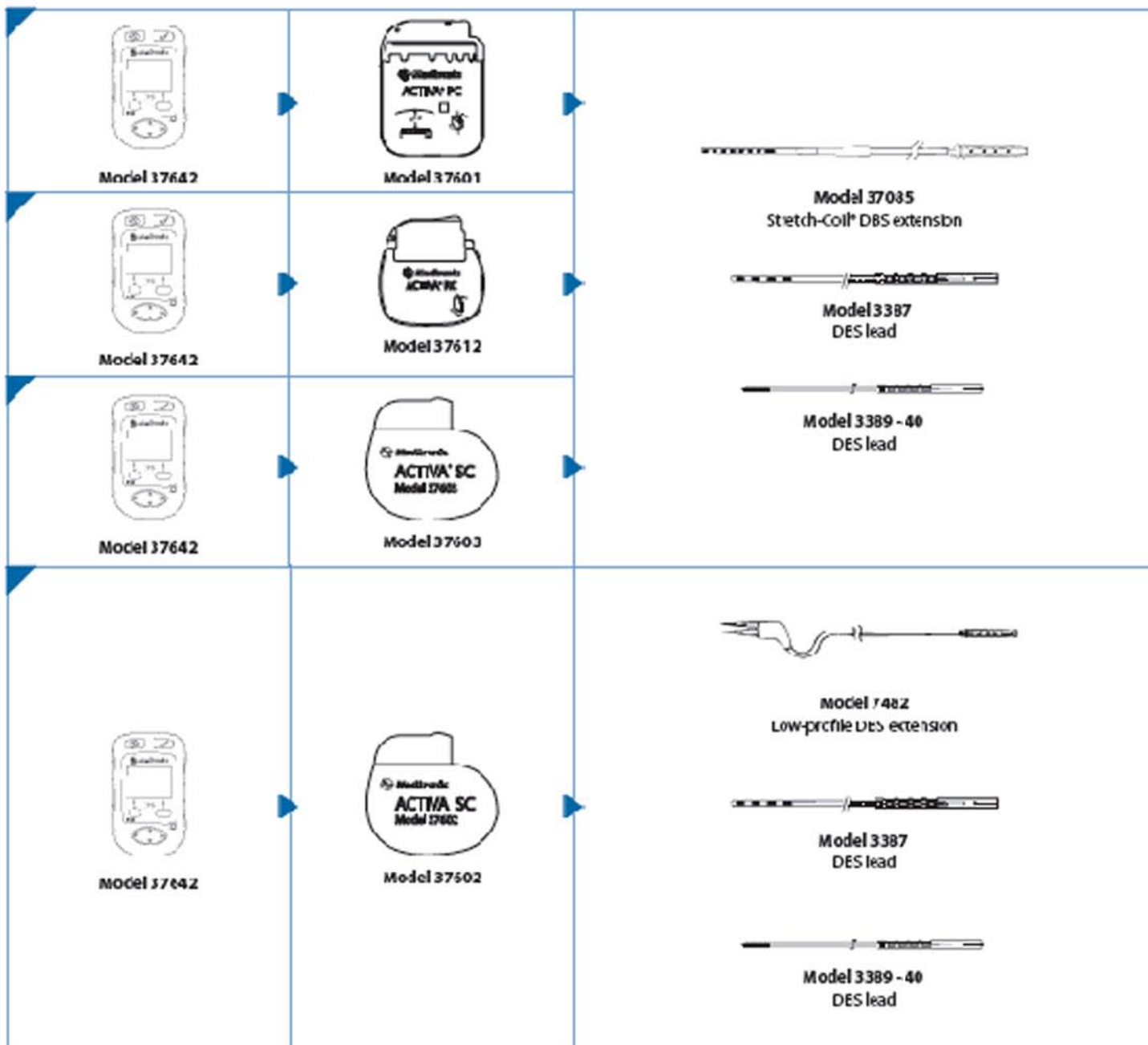
MODEL NUMBER	DESCRIPTION
8540	<p>SynchroMed catheter access port (CAP) kit</p> <p>Sterile Content: (1) 1.5 inch 25-Gauge Needle (1) 2.0 inch 25-Gauge Needle (1) 1.5 inch 24-Gauge Needle (1) 2.0 inch 24-Gauge Needle (1) SynchroMed EL CAP Template (1) SynchroMed II CAP Template (1) Extension Tubing Set</p> <p>(1) 10 mL Syringe (1) .22 Micron Filter (1) Fenestrated Drape (1) Instruction Manual</p> <p>Nonsterile Content: Literature</p>  <p><i>Use ONLY for catheter access procedures</i></p>
8543	<p>IsoMed catheter access port (CAP) kit</p> <p>Sterile Content: (1) 10 mL Syringe (1) 1.5 inch 24-Gauge Needle (1) 2.0 inch 24-Gauge Needle (1) Extension Tubing Set (1) .22 Micron Filter</p> <p>(1) Fenestrated Drape (1) Instruction Manual</p> <p>Nonsterile Content: Literature</p> 

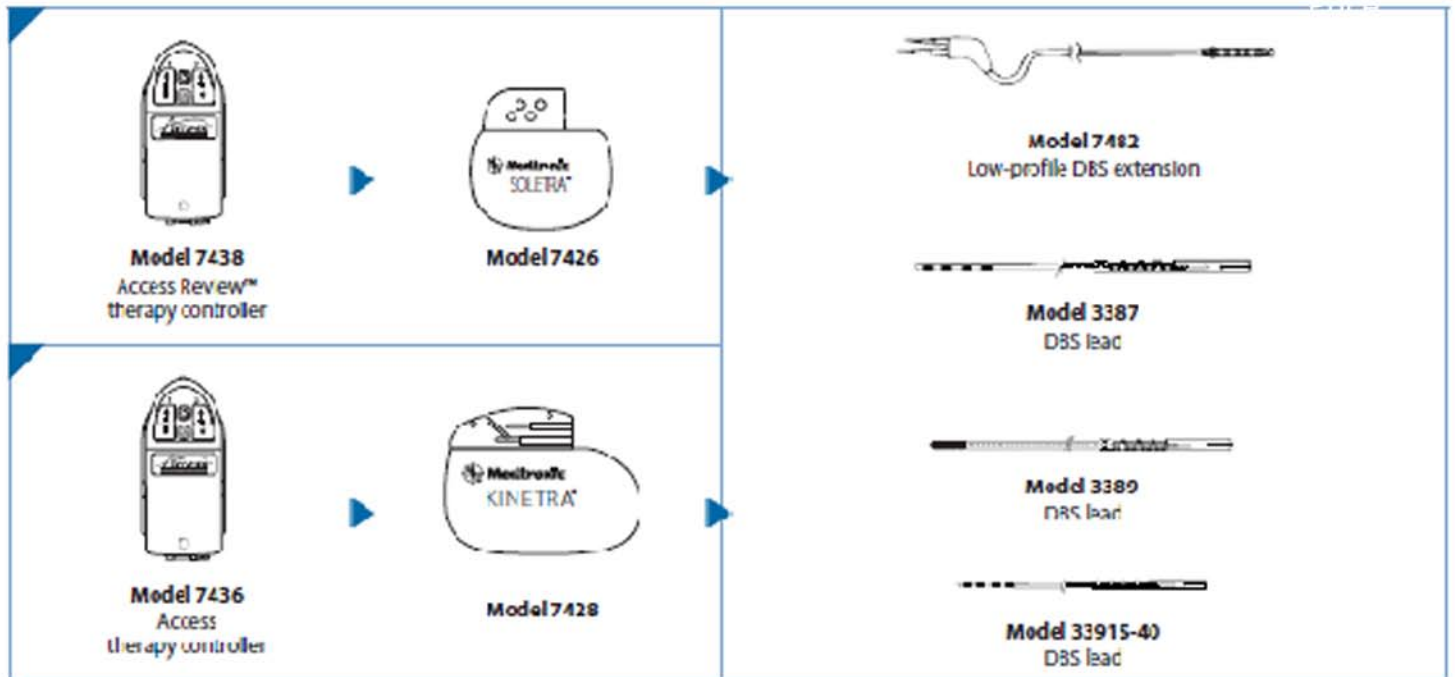





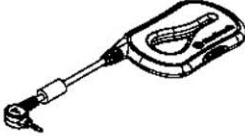
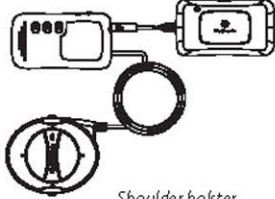
Activa Therapy



DBS System Assembly Chart

DBS Systems consist of a lead(s), extension(s), neurostimulator(s), and a patient programmer. Rechargeable systems include a patient recharge system.


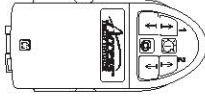





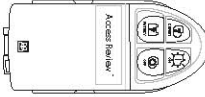
MODEL NUMBER	DESCRIPTION
37601	<p>Activa® PC neurostimulator</p> <p>Dual-channel implantable neurostimulator for use with deep brain stimulation (DBS) leads, 37085 extension, and 37642 Medtronic DBS patient programmer. Advanced programming features for patients and clinicians.</p> <p><i>Sterile Content:</i> (1) Neurostimulator (1) Torque wrench</p> <p><i>Nonsterile Content:</i> Literature</p> 
37612	<p>Activa® RC neurostimulator</p> <p>Dual-channel rechargeable implantable neurostimulator for use with deep brain stimulation (DBS) leads, 37085 extension, and 37642 Medtronic DBS patient programmer and 37651 Medtronic DBS patient recharger system. Advanced programming features for patients and clinicians.</p> <p><i>Sterile Content:</i> (1) Neurostimulator (1) Torque wrench</p> <p><i>Nonsterile Content:</i> Literature</p> 
37642	<p>Medtronic DBS patient programmer</p> <p>Allows patients with Activa® PC (model 37601) or Activa® RC (model 37612) neurostimulators to check therapy and neurostimulator battery status, and adjust settings or change programming group according to clinician-determined parameters.</p> <p><i>Sterile Content:</i> None</p> <p><i>Nonsterile Content:</i> (1) Patient programmer (1) Carrying case (2) AAA batteries Literature</p> 
37092	<p>Medtronic DBS patient programmer antenna</p> <p>Optional antenna that attaches to clothing for better visibility of LCD screen while using 37642 Medtronic DBS patient programmer.</p> <p><i>Sterile Content:</i> None</p> <p><i>Nonsterile Content:</i> (1) External antenna Literature</p> 
37651	<p>Medtronic DBS patient recharger system</p> <p>External patient recharger system used for recharging the Activa® RC (37612) device.</p> <p><i>Sterile Content:</i> None</p> <p><i>Nonsterile Content:</i> (1) Recharger and antenna (1) AC power supply and power cord (1) Shoulder holster (1) Pouch (1) System carrying case Literature</p>  <p><i>Shoulder holster not shown</i></p>

37603	<p>Activa® SC neurostimulator Single-channel implantable neurostimulator for use with deep brain stimulation leads and 37642 Medtronic DBS patient programmer. Advanced programming features for patients and clinicians. Compatible with 37085 Stretch-Coil® extensions.</p> <p><i>Sterile Content:</i> (1) Neurostimulator (2) Torque wrench</p> <p><i>Nonsterile Content:</i> Literature</p>	
37602	<p>Activa® SC neurostimulator Single-channel implantable neurostimulator for use with deep brain stimulation leads and 37642 Medtronic DBS patient programmer. Advanced programming features for patients and clinicians. Compatible with 7482A extension.</p> <p><i>Sterile Content:</i> (1) Neurostimulator (2) Torque wrench</p> <p><i>Nonsterile Content:</i> Literature</p>	

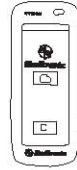

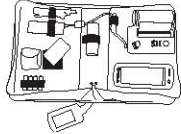
Kinetra® System

MODEL NUMBER	DESCRIPTION	
7428	<p>Kinetra® neurostimulator Dual-program implantable neurostimulator for use with deep brain stimulation leads and 7482A extension.</p> <p><i>Sterile Content:</i> (1) Neurostimulator (1) Hex wrench</p> <p><i>Nonsterile Content:</i> Literature</p>	
7436	<p>Access® therapy controller Allows patients with Kinetra® neurostimulator to turn their neurostimulator on and off, verify if it is ON or OFF, or to check the status of their neurostimulator battery and within physician-prescribed limits allows adjustment of amplitude, pulse width, and rate.</p> <p><i>Sterile Content:</i> None</p> <p><i>Nonsterile Content:</i> (1) Patient programmer (1) Carrying case</p>	 <p>(1) Wrist strap (1) 9-V battery Literature</p>



Solettra® System

MODEL NUMBER	DESCRIPTION	
7426	<p>Solettra® neurostimulator Implantable neurostimulator and accessories for use with deep brain stimulation leads and 7482A extension.</p> <p><i>Sterile Content:</i> (1) Neurostimulator (1) Hex wrench</p> <p><i>Nonsterile Content:</i> Literature</p>	
7438	<p>Access Review™ therapy controller Allows patients with an Itrel® II or Solettra® neurostimulator to turn their neurostimulator on and off, verify if it is ON or OFF, or to check the status of their neurostimulator battery.</p> <p><i>Sterile Content:</i> None</p> <p><i>Nonsterile Content:</i> (1) Patient programmer (1) Carrying case</p>	 <p>(1) Wrist strap (1) 9-V battery Literature</p>


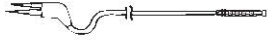
N'Vision System

MODEL NUMBER	DESCRIPTION	
8840	<p>N'Vision programmer</p> <p>The N'Vision clinician programmer is a small, hand-held and portable programming device. With a tough-screen display, removable telemetry head and several application specific buttons, the N'Vision programmer is optimized for convenience and simplicity. N'Vision system has a minimum requirement of an N'Vision programmer (8840) and an N'Vision application card (8870).</p>	
8870	<p>N'Vision application card</p> <p>For use with the model 8840 N'Vision® programmer. Contains all the software application necessary to program Medtronic implanted neurostimulation and drug delivery devices. Version AAO (or more recent) required for use with Activa® PC, and Activa® SC.</p> <p>Sterile Content: None</p> <p>Nonsterile Content: (1) Application card (1) Case (1) Literature</p>	
8527	<p>N'Vision portable printer</p> <p>This portable Seiko thermal printer works with the 8840 N'Vision clinician programmer through infrared (IR) communication. It comes with a portable protective case that holds all of the printer components, yet allows for easy access and use whenever you need it.</p>	

Leads

MODEL NUMBER	DESCRIPTION	
3387-28 3387-40	<p>DBS lead kit</p> <p>One 4-electrode lead, for use with model 7482A extension with in-line connector. Lead electrodes 1.5 mm, spaces 1.5 mm. Available in 28-cm and 40-cm lengths.</p> <p>Sterile Content:</p> <ul style="list-style-type: none"> (1) Quadripolar lead (1) Lead end cap (1) Screening cable model 3550-03 (TwistLock) (1) Screening cable model 3550-07 (alligator clips) (1) Tunneling rod (1) Tunneling rod tip (1) Hex wrench (2) Passing straw (1) Depth stop gauge (1) Short stylet (1) Burr hole cap <p>Nonsterile Content:</p> <ul style="list-style-type: none"> (1) Burr hole ring (1) Boot (for percutaneous extension) Literature 	
3389-28 3389-40	<p>DBS lead kit</p> <p>One 4-electrode lead, for use with model 7482A extension with in-line connector. Lead electrodes 1.5 mm, spaces 0.5 mm. Available in 28-cm and 40-cm lengths.</p> <p>Sterile Content:</p> <ul style="list-style-type: none"> (1) Quadripolar lead (1) Lead end cap (1) Screening cable model 3550-03 (TwistLock) (1) Screening cable model 3550-07 (alligator clips) (1) Tunneling rod (1) Tunneling rod tip (1) Hex wrench (2) Passing straw (1) Depth stop gauge (1) Short stylet (1) Burr hole cap <p>Nonsterile Content:</p> <ul style="list-style-type: none"> (1) Burr hole ring (1) Boot (for percutaneous extension) Literature 	

Extensions

MODEL NUMBER	DESCRIPTION														
37085 - 40 37085 - 60 37085 - 95	<p>Stretch-Coil™ DBS extension</p> <p>DBS Stretch-Coil™ lead extension and accessories to connect the model 37612 Activa® RC or model 37601 Activa® PC neurostimulator to the model 3387-28, 3387-40, 3389-28 or model 3389-40 DBS lead. Available in 3 lengths: 40, 60, and 95 cm. Use cm as suffix to order appropriate length, e.g., 3708560 (60 cm).</p> <p>Sterile Content:</p> <table> <tr> <td>(1) Quadripolar extension</td> <td>(1) Octapolar in-line neurostimulator plug</td> </tr> <tr> <td>(2) Additional screws</td> <td>(2) Cylindrical boot</td> </tr> <tr> <td>(1) Extension passer 38-cm (handle with thumbscrew, 2x4 low-profile extension carrier) with inserted obturator (1 blunt distal tip, 1 cone distal tip, 1 wedge distal tip)</td> <td>(1 clear, 1 white radiopaque)</td> </tr> <tr> <td>(1) Torque wrench</td> <td>(2) Winged boot</td> </tr> <tr> <td></td> <td>(1 clear, 1 white radiopaque)</td> </tr> </table> <p>Nonsterile Content: Literature</p> 	(1) Quadripolar extension	(1) Octapolar in-line neurostimulator plug	(2) Additional screws	(2) Cylindrical boot	(1) Extension passer 38-cm (handle with thumbscrew, 2x4 low-profile extension carrier) with inserted obturator (1 blunt distal tip, 1 cone distal tip, 1 wedge distal tip)	(1 clear, 1 white radiopaque)	(1) Torque wrench	(2) Winged boot		(1 clear, 1 white radiopaque)				
(1) Quadripolar extension	(1) Octapolar in-line neurostimulator plug														
(2) Additional screws	(2) Cylindrical boot														
(1) Extension passer 38-cm (handle with thumbscrew, 2x4 low-profile extension carrier) with inserted obturator (1 blunt distal tip, 1 cone distal tip, 1 wedge distal tip)	(1 clear, 1 white radiopaque)														
(1) Torque wrench	(2) Winged boot														
	(1 clear, 1 white radiopaque)														
7482A-25 7482A-40 7482A-51 7482A-66 7482A-95	<p>Low-profile DBS extension</p> <p>Extension (with in-line connector) and accessories to connect the model 7426 Solettra® or model 7428 Kinetra® neurostimulator to the model 3387-28, 3387-40, 3389-28, or 3389-40 DBS lead. Available in 5 lengths: 25, 40, 51, 66 and 95 cm. Use cm as suffix to order appropriate length, e.g., 7482A51 (51 cm).</p> <p>Sterile Content:</p> <table> <tr> <td>(1) Quadripolar extension</td> <td>(2) Cylindrical boot</td> </tr> <tr> <td>(2) Additional screw</td> <td>(1 clear, 1 white radiopaque)</td> </tr> <tr> <td>(3) Tunneling obturator</td> <td>(2) Winged boot</td> </tr> <tr> <td>(1) 38-cm passer (with removable handle)</td> <td>(1 clear, 1 white radiopaque)</td> </tr> <tr> <td>(1) Dual extension carrier</td> <td></td> </tr> <tr> <td>(1) Torque wrench</td> <td>Nonsterile Content:</td> </tr> <tr> <td></td> <td>Literature</td> </tr> </table> 	(1) Quadripolar extension	(2) Cylindrical boot	(2) Additional screw	(1 clear, 1 white radiopaque)	(3) Tunneling obturator	(2) Winged boot	(1) 38-cm passer (with removable handle)	(1 clear, 1 white radiopaque)	(1) Dual extension carrier		(1) Torque wrench	Nonsterile Content:		Literature
(1) Quadripolar extension	(2) Cylindrical boot														
(2) Additional screw	(1 clear, 1 white radiopaque)														
(3) Tunneling obturator	(2) Winged boot														
(1) 38-cm passer (with removable handle)	(1 clear, 1 white radiopaque)														
(1) Dual extension carrier															
(1) Torque wrench	Nonsterile Content:														
	Literature														


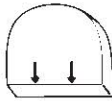
Stereotactic Frame Accessories

MODEL NUMBER	DESCRIPTION						
3353	<p>Frame accessory kit</p> <p>Nonsterile accessories for use with a Radionics stereotactic frame and Medtronic DBS leads. Used to help direct the DBS lead to the target.</p> <p>Sterile Content: None</p> <p>Nonsterile Content:</p> <table> <tr> <td>(4) Thumb screw</td> </tr> <tr> <td>(1) Guide tube</td> </tr> <tr> <td>(1) Reducing tube</td> </tr> <tr> <td>(1) Cannula with stylet</td> </tr> <tr> <td>(1) Depth stop gauge</td> </tr> <tr> <td>Literature</td> </tr> </table>	(4) Thumb screw	(1) Guide tube	(1) Reducing tube	(1) Cannula with stylet	(1) Depth stop gauge	Literature
(4) Thumb screw							
(1) Guide tube							
(1) Reducing tube							
(1) Cannula with stylet							
(1) Depth stop gauge							
Literature							
3354	<p>Frame accessory kit</p> <p>Nonsterile accessories for use with a Leksell stereotactic frame (Elekta) and Medtronic DBS leads. Used to help direct the DBS lead to the target.</p> <p>Sterile Content: None</p> <p>Nonsterile Content:</p> <table> <tr> <td>(2) Rod holders</td> </tr> <tr> <td>(1) Lead holder</td> </tr> <tr> <td>(2) Long thumb screw</td> </tr> <tr> <td>(3) Short thumb screw</td> </tr> <tr> <td>Literature</td> </tr> </table>	(2) Rod holders	(1) Lead holder	(2) Long thumb screw	(3) Short thumb screw	Literature	
(2) Rod holders							
(1) Lead holder							
(2) Long thumb screw							
(3) Short thumb screw							
Literature							

Accessories

MODEL NUMBER	DESCRIPTION
3550-02	<p>Wrench and screws</p> <p><i>Sterile Content:</i> (1) Hex wrench (4) Long-set screw (for INS) (4) Short-set screw (for in-line extension and lead)</p> <p><i>Nonsterile Content:</i> Literature</p>
3550-03	<p>Screening cable</p> <p>For use with 3625 test stimulator (TwistLock).</p> <p><i>Sterile Content:</i> (1) Screening cable (TwistLock) (1) Stylet knob</p> <p><i>Nonsterile Content:</i> Literature</p>
3550-05	<p>Percutaneous extension (in-line trial connector for quadripolar leads only)</p> <p><i>Sterile Content:</i> (1) Percutaneous extension (in-line) (1) Tunneling guide (1) Tunneling guide tip (1) Passing straw</p> <p><i>Nonsterile Content:</i> Literature</p>
M924256A003	<p>Stimloc low profile burr hole cap and ring (sterile)</p> <p>Superior base and cap and lead securement device, with locking mechanism. Previous versions include M924256A001, A002.</p> <p><i>Sterile Content:</i> (1) Burr hole cover: base, centering tool (pre-attached to base), support clip, cap. (1) Insertion tool - grey and blue (1) Insertion tool - clear (2) Bone screws (1) Disposable screwdriver</p> <p><i>Nonsterile Content:</i> Literature</p>
3550-07	<p>Screening cable</p> <p>For use with 3625 test stimulator (alligator clips).</p> <p><i>Sterile Content:</i> (1) Screening cable with 2 attached alligator clips</p> <p><i>Nonsterile Content:</i> Literature</p>
3550-09	<p>Dual lead/extension accessory kit</p> <p><i>Sterile Content:</i> (1) Quadripolar in-line neurostimulator plug (for use with Kinetra®) (1) 1x4 closed-extension boot (for 7495)</p> <p>(1) 1x4 low-profile closed-extension boot</p> <p><i>Nonsterile Content:</i> Literature</p> 
3550-15	<p>Burr hole accessory kit</p> <p><i>Sterile Content:</i> (1) Burr hole ring (1) Burr hole cap</p> <p><i>Nonsterile Content:</i> Literature</p>
355025	<p>Boots accessory kit for DBS</p> <p><i>Sterile Content:</i> (2) Low-profile cylindrical boot (1 clear, 1 white radiopaque) (2) Low-profile winged boot (1 clear, 1 white radiopaque)</p> <p>(2) Large cylindrical boot (1 clear, 1 white radiopaque)</p> <p><i>Nonsterile Content:</i> Literature</p>
3550-45	<p>Torque wrench 4"</p> <p>4 inch-ounce torque wrench compatible with lead kit models: 3487A, 3887, 3888, 3587A, 3982A, 3986A, 3987A, and 3999. Extension models: 7482/7482A, 7489, 37082, and 37083. Revision kit models: 3550-22 and 3550-23.</p> <p><i>Sterile Content:</i> (1) Torque wrench: 4 inch-ounce</p> <p><i>Nonsterile Content:</i> Literature</p>

MODEL NUMBER	DESCRIPTION
3550-54	<p>Patient waist belt To be used for abdominal implants. For use with 37651 recharge system.</p> <p><i>Nonsterile Content:</i> Waist belt Literature</p>
3550-55	<p>Patient shoulder holster To be used for pectoral implants. For use with 37651 recharge system.</p> <p><i>Nonsterile Content:</i> Shoulder holster Literature</p>
3550-67	<p>Screening cable For use with 37022 external neurostimulator (alligator clips).</p> <p><i>Sterile Content:</i> (1) Screening cable with 2 attached alligator clips</p> <p><i>Nonsterile Content:</i> Literature</p>
3550-68	<p>Screening cable For use with 37022 external neurostimulator (TwistLock). Access to all 4 electrodes.</p> <p><i>Sterile Content:</i> (1) Screening cable (TwistLock)</p> <p><i>Nonsterile Content:</i> Literature</p>
3550S-01	<p>StimLoc® accessory kit</p> <p><i>Sterile Content:</i> (1) Burr hole ring (1) Centering tool (1) Lead clip (Cam)</p> <p>(1) Final cap/Burr hole cover</p> <p><i>Nonsterile Content:</i> Literature</p>
3550S-02	<p>Disposable screwdriver For use with Stimloc.</p> <p><i>Sterile Content:</i> (1) Disposable screwdriver</p> <p><i>Nonsterile Content:</i> Literature</p>
3550-29	<p>Plug and close boot kit Use with Activa RC and Activa PC</p> <p><i>Sterile Content:</i> (1) Octapolar In-line Neurostimulator Plug</p> <p>(1) 1x8 Low-Profile Closed Boot</p> <p><i>Nonsterile Content:</i> Literature</p>
365538 365560	<p>Tunneling tool (38 cm or 60 cm) To be used with either low-profile model 7482A extensions or Stretch-Coil™ model 37085 extensions.</p> <p><i>Sterile Content:</i> (3) Tunneling obturator (1) Passer (with removable handle) (1) Dual extension carrier</p> <p><i>Nonsterile Content:</i> Literature</p>
64001	<p>1x4 pocket adaptor kit Alleviates the need to replace and tunnel a new extension when replacing an existing Kinetra or Soletra neurostimulator battery with a 16 contact Activa RC or PC Neurostimulator.</p> <p><i>Sterile Content:</i> (1) 1x4 pocket adaptor (1) Octapolar in-line neurostimulator plug (1) Torque wrench (compatible with quadripolar leads and extensions)</p> <p><i>Nonsterile Content:</i> Literature</p>

MODEL NUMBER	DESCRIPTION
64002	<p>2x4 pocket adaptor kit</p> <p>Alleviates the need to replace and tunnel a new extension when replacing an existing Kinetra or Soletra neurostimulator battery with a 16 contact Activa RC or PC Neurostimulator.</p> <p><i>Sterile Content:</i> (1) 1x4 pocket adaptor (1) Octapolar in-line neurostimulator plug (1) Torque wrench (compatible with quadripolar leads and extensions)</p> <p><i>Nonsterile Content:</i> Literature</p>
37022	<p>External neurostimulator (ENS)</p> <p>Used to evaluate a Medtronic neurostimulation system during lead placement or test stimulation. Use with model 3387-28, 3387-40 DBS lead or model 3389-28, 3389-40 DBS lead, 8840 N'Vision® clinician programmer and 8870 software card required. Compatible screening cables model 3550-67 and model 3550-68 (sold separately).</p> <p><i>Sterile Content:</i> None</p> <p><i>Nonsterile Content:</i> (1) Case (1) Literature</p> 
173866	<p>Printer paper for programmer model 8840. (NAP-0112-025)</p> <p>Replacement printer paper for programmer model 8840.</p> <p><i>Sterile Content:</i> None</p> <p><i>Nonsterile Content:</i> (5) Rolls of Paper</p>
7452	<p>Control magnets</p> <p>Used to turn Soletra® and Kinetra® neurostimulator on and off, and in addition, for model 7424 Itrel® II neurostimulators, to change between 2 amplitude settings (if programmed by clinician).</p> <p><i>Sterile Content:</i> None</p> <p><i>Nonsterile Content:</i> (2) Control magnet Literature</p> 



Medtronic

InterStim[®] Therapy

PRICE LIST



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InterStim Therapy for Urinary Control

PLEASE READ BEFORE ORDERING

When ordering, please consider all the components needed for a complete system for each patient procedure. Refer to specific model numbers in this catalog when placing your order.

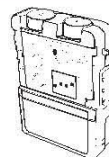
Test Stimulation Overview

Test Stimulation Lead System

A test stimulation system consists of a test stimulation lead kit and a test stimulator.

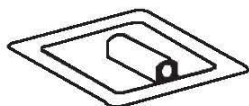


Model 3065USC test stimulation lead kit



Model 3625 test stimulator

Test Stimulation Bulk Accessories



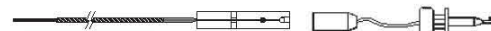
Model 041826
ground pad



Model 041828
(20-gauge) 3.5" foramen needles



Model 041829
(20-gauge) 5" foramen needles



Model 305715C
test stimulation lead



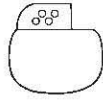
Model 041831
patient cable

- A bulk supply of long foramen needles (length 5", Model 041829) is recommended as a backup to test large patients.
- The Model 3625 test stimulator is a nonsterile, external stimulator, and therefore reusable. Ensure that you have an adequate supply of test stimulators available for the number of procedures you will perform.

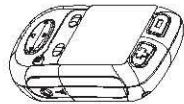
InterStim Therapy for Urinary Control Overview

Implantable System

InterStim therapy for urinary control consists of a neurostimulator, a patient programmer, an extension



InterStim INS Model 3023



InterStim iCon patient programmer
Model 3037



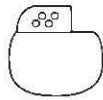
Model 3095 extension



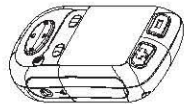
Model 3093 lead



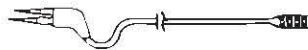
Model 3889 lead



IPG Model 7027T



Programmer
Model 3036



Model 3095 extension




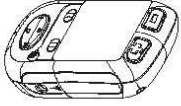


Model 3093 lead





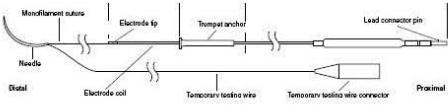
Model 3889 lead

System Components

Neurostimulator


CATALOG NUMBER	DESCRIPTION	
3023	InterStim neurostimulator Neurostimulator for use with extension Model 3095 and InterStim iCon patient programmer Model 3037 or patient programmer Model 3031A. Sterile Content: (1) INS, (1) Torque wrench. Nonsterile Content: Literature.	
3037	InterStim iCon patient programmer Small hand-held programmer for patients to turn InterStim implantable neurostimulators on/off, change amplitude within physician-set limits, and select from up to 4 physician-designed stimulation programs. Sterile Content: None. Nonsterile Content: (1) InterStim iCon patient programmer, (1) Carrying case, (2) AAA alkaline batteries, Literature.	
7427T	InterStim Twin bilateral sacral neuromodulation Provides the flexibility of dual channel stimulation. Use with 2 lead extensions (Model 3095) and two InterStim leads. Use with Model 3036 Patient Programmer - order separately.	
3036	InterStim Twin patient programmer Small hand-held programmer. To optimize amplitude settings on each channel with physician specific limits or to turn the InterStim Twin IPG ON and OFF.	

Leads



CATALOG NUMBER	DESCRIPTION	
3093-28	Lead kit – tined, extended electrode One 4-electrode tined lead, available in 28 cm length. Lead electrodes 0, 2, 3 are 3 mm, electrode 1 is 10 mm and coiled, spacing 1.5 mm. Important - Requires a lead introducer kit model 3550-18 or 042294. Sterile Content: (1) Lead with inserted stylet with handle, (1) Percutaneous extension, (1) Screening cable, (1) Tunneling tool, (1) Tunneling tool wedge tip, (1) Passing straw, (1) Boot, (1) Torque wrench, (1) Short stylet. Nonsterile Content: Literature.	
3889-28	Lead kit – tined One 4-electrode tined lead, available in 28 cm length. Lead electrodes 3 mm, spacing 3 mm. Important - Requires a lead introducer kit model 3550-18 or 042294. Sterile Content: (1) Lead with inserted stylet with handle, (1) Percutaneous extension, (1) Screening cable, (1) Tunneling tool, (1) Tunneling tool wedge tip, (1) Passing straw, (1) Boot, (1) Torque wrench, (1) Short stylet. Nonsterile Content: Literature.	
4350-45 4350-55	Intramuscular unipolar lead for dynamic graciloplasty One Unipolar electrode lead for intramuscular placement. Available in two lengths: 45 or 55 cm. Use cm as suffix to order appropriate length (e.g. 4350-45). *Requires 2 leads and no extension.	

System Components

Extension

CATALOG NUMBER	DESCRIPTION	
3095-10 3095-25 3095-51	<p>Extension</p> <p>Extension (with in-line connector) to connect lead to Model 3023 InterStim neurostimulator. Available in 3 lengths: 10, 25, and 51 cm.</p> <p>Sterile Content: (1) Extension, (1) Tunneling tool guide and extender, (1) Tunneling tool tip, (1) Single carrier tip, (1) Boot, (2) Screws. Nonsterile Content: Literature.</p>	

Programmings and Test Stimulator

CATALOG NUMBER	DESCRIPTION	
3625	<p>Test stimulator</p> <p>External stimulation power source and controls for use during test stimulation. Sterile Content: None. Nonsterile Content: (1) Test stimulator, (1) 9-Volt battery, (1) Belt clip, (1) Carrying case, Literature.</p>	
8840	<p>N'Vision Programmer</p> <p>N'Vision Programmer without printer. The N'Vision programmer is a universal handheld programming device featuring touch-screen display, removable telemetry head and several application-specific buttons for convenience and simplicity. Requires Application Card for operation. Sterile Content: None. Nonsterile Content: (1) Programmer 8840, Literature.</p>	
8527	<p>N'Vision Portable Printer</p> <p>Portable Seiko thermal printer works with 8840 N'Vision programmer through infrared (IR) communication. This printer uses Model 173866 thermal printer paper. Sterile Content: None. Nonsterile Content: (1) Printer, (1) Portable Case, (1) Paper Roll.</p>	
8870	<p>N'Vision MGU application card</p> <p>For use with N'Vision programmer Model 8840. Contains all the software applications necessary to program Medtronic implanted neurostimulation devices. Sterile Content: None. Nonsterile Content: (1) 8870 MGU application card, Literature.</p>	

NUMBER	DESCRIPTION	
041826	<p>Self-adhesive ground pad (nonsterile)</p> <p>Flexible, carbon electrode. Sterile Content: None. Nonsterile Content: (2) Ground pads, Literature.</p>	box of 20 (packaged in pairs)
041827	<p>Test stimulation cables (nonsterile)</p> <p>Long cable is used either during test stimulation or intra-operatively during a lead implant. Short cable connects to test stimulation lead and is used only during patient home test stimulation. Sterile Content: None. Nonsterile Content: (1) Short cable, (1) Long cable, Literature.</p>	
041828	<p>20-gauge 3.5"/9.0 cm foramen needle</p> <p>Insulated with 1 cm increment depth markings. Opaque hub with locking stylet. Sterile Content: (1) 20-gauge 3.5"/9.0 cm foramen needle with locking stylet. Nonsterile Content: Literature</p>	box of 6
041829	<p>20-gauge 5.0"/12.5 cm foramen needle</p> <p>Insulated with 1 cm increment depth markings. Opaque hub with locking stylet. Sterile Content: (1) 20-gauge 5"/12.5 cm foramen needle with locking stylet. Nonsterile Content: Literature</p>	box of 6
041831	<p>Patient cable</p> <p>Cable terminates to mini-hook termination for connection to lead or needle and socket for connection to long auxiliary screener cable. Sterile Content: (1) Patient cable. Nonsterile Content: Literature.</p>	box of 6



System Components

Accessories

CATALOG NUMBER	DESCRIPTION
042294	Lead introducer Sterile Content: (1) Directional guide, (1) Dilator, (1) Introducer sheath. Nonsterile Content: Literature. box of 6
080118	Medical Adhesive (sterile) Small tube of medical adhesive with applicator nozzle.
173866	Printer paper for programmer Model 8840 Replacement printer paper for programmer Model 8840. box of 5
3057 - 1SC	Test stimulation lead Sterile Content: (1) Unipolar test stimulation lead, (1) Short test stimulation cable. Nonsterile Content: Literature.
3065USC	Test stimulation lead kit – 1 lead Sterile Content: (2) 20-gauge 3.5" foramen needles, (1) Unipolar test stimulation lead, (1) Patient cable, (4) Drapes, (2) PVP solution packages, (1) Swab stick, (3) Sponge applicators, (1) Sterile marker, (3) 4x4 gauze pads, (1) 2x2 gauze pad, (4) Bandages, (1) Needle for local anesthetic, (1) Syringe, (1) Medicine cup, (1) Filter straw. Nonsterile Content: (2) Ground pads, (1) Short test stimulation cable, (1) Long test stimulation cable, Literature.
3550-03	Screening cable (TwistLock) Sterile Content: (1) Screening cable (TwistLock), (1) Stylet knob, Nonsterile Content: Literature.
3550-05	Percutaneous extension Sterile Content: (1) Percutaneous extension, (1) Tunneling tool, (1) Tunneling tool tip, (1) Passing straw. Nonsterile Content: Literature.
3550-06	Tunneling tools Sterile Content:(1) Tunneling Guide(1) Tunneling Extender(1) Tunneling Guide Tip(1) Tunneling Wedge Tip(1) Carrier Tip (for Model 7495 Extension [In-Line])(1) Carrier Tip (for Model 7496 Flat Extension)(1) Extender WrenchNonsterile Content:Literature.
3550-09	Dual lead / extension accessory kit for model 7427T InterStim Twin Sterile Content:(1) INS Connector Plug(1) Closed Boot (for 7495)(1) Low-Profile Closed Boot (for 7489)Nonsterile Content:Literature

System Components

Accessories Cont'd

CATALOG NUMBER	DESCRIPTION	
355018	Lead introducer kit Sterile Content: (2) 3.5" needles, (1) Directional guide, (1) Dilator, (1) Introducer sheath, (1) Ground pad, (1) Long test stimulation cable, (1) Patient cable. Nonsterile Content: Literature.	
3550-80	Torque Wrench and Boot Kit One 5 in-oz torque wrench and boot for use with InterStim devices and leads. Sterile Content: (1) Torque Wrench and (1) Boot. Nonsterile Content: Literature.	
37092	Antenna External patient programmer antenna To be used with 3037 iCon patient programmer Sterile Content: None Nonsterile Content: (1) External Antenna Literature	
7440-23	Antenna Antenna for optional use with patient programmer Model 3031A. Available in 23" lengths.	
7452	Control magnets Used to turn InterStim neurostimulator Model 3023 on and off. Sterile Content: None. Nonsterile Content: (2) Control magnets, Literature.	

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3037	InterStim iCon patient programmer	4
30571SC	Test stimulation lead	6
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3080	Sacral nerve lead - fixed anchor	4
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8527	N'Vision Portable Printer	5
8840	N'Vision Programmer	5
8870	N'Vision MGU application card	5



Enterra[®] Therapy

PRICE LIST

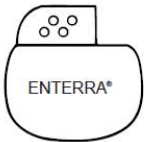


Effective November 2008

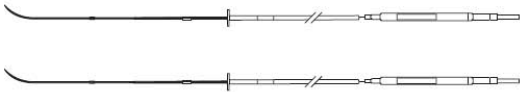
Enterra Therapy for Gastroparesis Overview

Implantable System

Enterra Therapy for gastroparesis consists of a neurostimulator and two leads.




Model 3116 Enterra Neurostimulator




Model 435135 Lead (Qty 2 ea)

System Components

Neurostimulator

MODEL NUMBER	DESCRIPTION	
3116	Enterra Neurostimulator Neurostimulator for use with lead Model 435135 Sterile Content: (1) INS, (1) Hex Wrench. Nonsterile Content: Literature.	

Lead

MODEL NUMBER	DESCRIPTION	
435135	Lead Kit Sterile Content: (1) Unipolar Intramuscular Lead With Fixed 10 mm Electrode, (4) Fixation Disks, (1) Tunneling Rod, (2) Lead End Caps. Nonsterile Content: Literature.	

Accessories

MODEL NUMBER	DESCRIPTION	
3550-02	Wrenches and Screws Sterile Content: (2) Hex Wrench #2, (4) Long Set Screw (for INS), (4) Short Set Screw (for In-Line Extension and Lead). Nonsterile Content: Literature.	
3550-06	Tunneling Tools Sterile Content: (1) Tunneling Guide, (1) Tunneling Extender, (1) Tunneling Guide Tip, (1) Tunneling Wedge Tip, (1) Carrier Tip (for Model 7495 or Percutaneous Extension), (1) Carrier Tip (for Model 7496 Flat Extension), (1) Extender Wrench, (1) Passing Straw. Nonsterile Content: Literature.	
8840	N'Vision Programmer N'Vision Programmer without printer. The N'Vision programmer is a universal handheld programming device featuring touch-screen display, removable telemetry head and several application-specific buttons for convenience and simplicity. Requires Application Card for operation. Sterile Content: None. Nonsterile Content: (1) Programmer 8840, Literature.	
8527	N'Vision Portable Printer Portable Seiko thermal printer works with 8840 N'Vision programmer through infrared (IR) communication. This printer uses Model 173866 thermal printer paper. Sterile Content: None. Nonsterile Content: (1) Printer, (1) Portable Case, (1) Paper Roll.	
8870	N'Vision MGU application card For use with N'Vision programmer Model 8840. Contains all the software applications necessary to program Medtronic implanted neurostimulation devices. Sterile Content: None. Nonsterile Content: (1) 8870 MGU application card, Literature.	

GENERAL TERMS AND CONDITIONS OF SALE

1 GENERAL

1.1 These General Terms and Conditions of Sale apply to all purchases of products ("Products") by Purchaser from Seller unless such sale is explicitly governed by a separate sales agreement signed by the parties hereto (in which case the terms of such sales agreement shall govern).

1.2 All sales by Seller or its affiliates as may be otherwise stipulated are subject to these General Terms and Conditions of Sale (the "Agreement") and all schedules attached to them. Any amendment must be in writing and signed by a duly authorized representative of Seller. Submission of a purchase order to Seller shall mean that Purchaser is deemed to have accepted these General Terms and Conditions of Sale and any special terms and conditions as applicable as specified in Seller-issued or signed documents. Inconsistent or additional terms or conditions set forth in any order, offer or other writing by Purchaser (whether in purchase order form or otherwise and whether preceding or succeeding the date hereof) shall not constitute terms and conditions of purchase and sale between Seller and Purchaser, and Seller expressly rejects and does not accept any such inconsistent or additional terms.

1.3 In the event of conflict, the order of priority shall be: (a) the main body of these General Terms and Conditions of Sale (b) if any, the Schedules to these General Terms and Conditions of Sale, in the order they are presented, such that Schedule "A" shall take precedence over Schedule "B" and so forth. This Agreement (including all its Schedules) sets forth the entire understanding between the Parties and supersedes all prior agreements, understandings, and discussions regarding the subject matter hereof.

2 PRODUCT AND PRODUCT INFORMATION SUPPLIED TO BUYER

2.1 Catalogues and brochures are supplied to Purchaser purely for information, and nothing contained therein shall form any part of this Agreement.

2.2 Except as provided in Paragraph 8, Seller makes no representation, warranty or condition regarding Products. Seller shall use its commercially reasonable efforts to deliver Products which conform to the Product specifications issued by Seller or included in Seller's Product catalogues, user manuals or other Product information documents but reserves the right to change or modify the design, specification or source of the Products. Purchaser shall store Products in facilities appropriate for Products' future use, and shall not use Products after the specified "Use Before Date".

2.3 Unless otherwise stated prices are in Canadian funds, are subject to delivery terms stated herein and do not include federal, provincial, local, or any other, taxes, charges, levies and duties.

3 ORDERS

3.1 Purchaser shall submit orders for Products to Seller or to Seller's authorized representative by EDI, GHX, facsimile, electronic mail or mail, or by telephone in accordance with Seller's telephone order policies. Such orders shall specify the following minimum information, with respect to each Product ordered: (i) the Product number, (ii) the quantity ordered, (iii) the price per item, (iv) the requested delivery dates, and (v) the shipping instructions and any other pertinent information.

3.2 An order shall be binding upon Purchaser at the time of submission to Seller. Seller shall be bound only upon formal acceptance of the order by Seller which may be given by e-mail, mail or facsimile. Any order received by Seller is subject to credit approval and may be cancelled if Purchaser's credit standing is not satisfactory to Seller.

3.3 Purchaser may not cancel any order, in part or in whole, once Purchaser has received Seller's formal acceptance of such order, unless Purchaser: (i) notifies Seller of the desired cancellation before the Products are shipped by Seller, and (ii) pays to Seller a cancellation fee amounting to fifteen percent (15%) of the total order or part order to be cancelled.

3.4 Where the Parties agree that an order is to be consignment stock controlled by Purchaser, Seller's Consignment Terms attached as a Schedule hereto shall apply to such consignment stock.

4 DELIVERY, TITLE, RISK

4.1 Seller shall use its commercially reasonable efforts to supply Products within the lead-time established on the Effective Date, being Seller's customary lead times for such Products for the three (3) years prior to the Effective Date.

4.2 Delivery of Products shall be CPT (Destination) (INCOTERMS 2000). Title to Products not supplied on consignment shall pass upon delivery at Seller's distribution facility in Canada.

4.3 In the event of an incomplete shipment or of any shipment that includes Product errors or damaged Products, Purchaser shall notify Seller of damaged Products or errors. Purchaser shall make the appropriate notice on the shipment documents at the time of delivery of Products, and shall send a copy of such annotated shipment documents to Seller within ten (10) days after such delivery. Fail-

ing such notification, Purchaser shall have no right to claim that

Products shipped were not in good condition and corresponding to the invoice and Seller shall not be responsible for any defects which examination of Products would or should have revealed. Purchaser shall store the Products to be returned to Seller in accordance with Seller's return policy set out in Paragraph 11.

4.4 If damaged Products are delivered to Purchaser, Seller shall use its reasonable efforts to promptly ship, at Seller's exclusive cost, replacement Products to Purchaser. Such replacement Products shall be invoiced separately to Purchaser, at the prices agreed in the accepted order, while Products returned and accepted by Seller pursuant to Seller's Product return policy set out in Paragraph 11 shall be credited to Purchaser based on the invoiced price.

5 TAXES

Purchaser shall pay all applicable provincial and federal sales or goods and services taxes on all purchases in addition to the applicable Price of Products, or provide proof of exemption from payment of such taxes in writing, along with required exemption certificates, to Seller.

6 PAYMENT TERMS

6.1 Purchaser shall pay all invoices for Products in full within thirty (30) days of the date of the invoice. Payment shall be considered effective only upon receipt of the full amount invoiced, in Canadian currency and without any deduction of any kind, into the bank account identified by Seller to Purchaser.

6.2 Any amount not received by Seller when due shall automatically accrue interest at the late payment interest rate equal to four (4) percentage points above the then current prime lending rate of Seller's principal banking institution, for commercial loans denominated in Canadian dollars. Interest on late payments shall be computed and shall accrue monthly.

6.3 Purchaser hereby grants to Seller a security interest and movable hypothec (as applicable) in the Products and in any proceeds received by Purchaser in connection with disposal of the Products, to secure payment of all monies due to Seller by Purchaser from time to time under or pursuant to this Agreement or otherwise, which Purchaser acknowledges include (without restriction) purchase monies for the Products. Purchaser agrees that the security interest and/or movable hypothec attaches immediately upon title to the Products passing to Purchaser. Purchaser acknowledges that Seller may make such filings and registrations with and give such notices to such government and non-government authorities and such third parties as it deems necessary to perfect and protect its security interest and/or movable hypothec in the Products.

6.4 Upon the occurrence of any of the termination events in Paragraph 14 below, Seller may request Purchaser, by notice in writing and without prejudice to any of Seller's other rights and remedies, to deliver up to Seller such Products as have not been used or resold. If Purchaser fails to do so within 14 days, Seller may enter upon any land or premises owned, occupied or controlled by Purchaser where such Products are situated and repossess the Products and take all necessary steps to enable it to recover and dispose of the Products.

6.5 Seller may suspend any further shipment of Products, even after orders have been accepted, until any and all overdue amounts, including accrued late payment interest charges, have been paid. Such remedies are in addition, not in lieu of, any other remedies available to Seller under applicable law.

6.6 Purchaser shall not be entitled to deduct or set off any amounts against any sum due to Seller.

7 LIMITATION OF LIABILITY - FORCE MAJEURE

7.1 Delivery dates are approximate. Seller shall use reasonable efforts to deliver Products upon the dates specified in the accepted order, but Seller shall not be liable in case of late delivery, and Purchaser shall not refuse, in part or in whole, any delivery of Products due to any delay in shipment.

7.2 In the event of a Force Majeure, a Party shall not be liable for any loss or damages of any kind due to failure to perform, in whole or in part, any of its obligations (other than obligations to pay sums when due) if such failure is caused by Force Majeure. Force Majeure includes, for the purposes of this Agreement, any and all events beyond the reasonable control of the Party. A Party will inform the other Party of the occurrence of the Force Majeure event promptly, as well as of the expected effect on the fulfillment of its obligations. Any resulting delay shall not be considered a breach of obligations and the performance dates shall be extended for the length of such delays. The Party under Force Majeure will use its commercially reasonable efforts to mitigate the consequences of Force Majeure, or to find alternative means of fulfilling its obligations in reasonably comparable economic ways. In case Force Majeure is preventing, or expected by Seller to prevent, Seller from delivering Products ordered to Purchaser for more than thirty (30) days past the planned date of delivery, Purchaser and Seller shall have the right to cancel the relevant order in whole or in part, by informing the other party in writing at any time before the effective shipment of the Products by Seller.

8 LIMITED PRODUCT WARRANTY

8.1 The written limited Product warranty set out in the relevant Product documentation or enclosed with each

Product sets forth the only warranty applicable to each Product. The remedies set out in such Product warranty are the only remedies available in the event of a breach of such warranty. Each warranty shall be void if: (i) the Products have been improperly stored, installed or maintained or otherwise have not been used in conformance with Seller's applicable instructions for use and Product documentation, or have been reprocessed in the case of single-use Products, or have been altered or repaired without Seller's written consent; (ii) Purchaser fails to notify Seller promptly in writing of any claim under this warranty; (iii) Purchaser fails to make any Products subject of a claim promptly available for inspection and correction; or (iv) Purchaser has not fully paid the Price for the purchase of the Product.

8.2 Seller makes no other warranties or conditions, express or implied, including, without limitation, NO WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SELLER SHALL IN NO EVENT HAVE ANY OBLIGATION OR LIABILITY TO BUYER OR ANY OTHER PERSON FOR LOSS OF PROFITS, LOSS OF USE OR INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL, PUNITIVE OR EXEMPLARY DAMAGES, WHETHER BASED ON CONTRACT, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR ANY OTHER THEORY OF LAW OR FORM OF ACTION ARISING IN CONNECTION WITH THIS AGREEMENT OR PERFORMANCE HEREUNDER, THE PROVISION OF SERVICES AND THE USE OF PRODUCTS CONTEMPLATED OR PROVIDED HEREUNDER, EVEN IF SELLER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH LOSS. SELLER SHALL NOT BE RESPONSIBLE TO DAMAGES CAUSED BY ACCIDENTS RESULTING FROM USE OF EQUIPMENT PRODUCTS.

8.3 To the extent permitted by law, in no event shall any liability of Seller to Purchaser for any loss, damage, injury or expense whatsoever arising in connection with this Agreement or any of the Products exceed the sums actually paid by Purchaser to Seller in respect of those Products or services related to such loss, damage, injury or expense, during the preceding twelve (12) months from the date of the event giving rise to the claim.

8.4 Nothing in these General Terms and Conditions shall exclude or restrict any implied conditions or warranties or exclude or restrict Seller's liability to the extent that such cannot be excluded or restricted by law.

9 RECALLS, CORRECTIVE ACTIONS

9.1 Purchaser shall complete and return to Seller all device registration information enclosed with the Products and to be provided to Seller pursuant to the Medical Device Regulations, or if Purchaser fails to provide all

such information, Purchaser shall maintain a tracing system which shall record or allow it to retrieve, in the format required by law, all information on each Seller's Product which is needed to comply with all applicable legal requirements regarding recalls, notifications and other field corrective actions and shall carry out such requirements.

9.2 In the event of a medical alert, recall, safety notification, advisory or warning is issued or communicated or posted on a website, at any time, by Seller or by a regulatory agency having jurisdiction, on any of the Products, and impacts products sold in Canada under this Agreement, Seller will communicate such medical alert, recall, safety notification, advisory or warning as soon as reasonably possible. In the event their recommendations include withdrawal of the relevant Products from the market, Seller agrees to provide, at no cost to Purchaser and if requested by it, appropriate and reasonable human resources that may be required to assist Purchaser's staff in the removal and/or replacement of the affected Product from hospital stock if required. Seller shall honour all applicable product warranties.

9.3 Purchaser shall actively assist Seller in taking any steps required by Seller to perform a recall or other corrective action with regard to Seller's Products purchased by Purchaser, including but not limited to implementation of any update, upgrade, change order, reminder to users, correspondence regarding correct use, recall or withdrawal of Products. Purchaser shall be responsible for its own costs of such assistance unless otherwise agreed by Seller.

9.4 If Purchaser decides to cease using any Product due to health or safety concerns, or if any governmental or regulatory authority having jurisdiction requires Purchaser to remove or cease using any Product, Purchaser shall promptly notify Seller of such decision or requirement and all particulars thereof.

10 NOTIFICATIONS

Purchaser shall immediately notify the Seller of any information on Product performance or safety including, but not limited to, any malfunction, failure, deterioration in the characteristics and/or performance, as well as inaccuracies in the instructions for use, coming to the attention of Purchaser. Purchaser shall provide to Seller all relevant documentation pertaining thereto.

11 PRODUCT RETURN POLICY

11.1 Seller must be informed in advance of any Product return planned by Purchaser, who must obtain a Return Goods Authorization number (RGA#) before Product is returned.

11.2 Minimum criteria for return:

- a. Products must be in original packaging, unopened and undamaged.
- b. Seal of all implantable Products must not be damaged or broken.
- c. Seller must inspect programmers, externals, etc. before acceptance. Cost of possible repair will be charged to Purchaser.
- d. Credit will be granted to Purchaser only if and when returned Product is accepted by Seller.
- e. Product must be returned within ninety (90) days after invoice date.

11.3 Seller shall not, under any circumstances, accept return of:

- a. Products which require special storage conditions.
- b. Products with an expired "Use Before Date" or one that has less than 90 days to run after the date of return.

11.4 Purchaser may request that returned Products refused by Seller be re-shipped to Purchaser, at its exclusive expense; or Seller will have refused Product destroyed.

11.5 Products eligible for credit may be subject to a restocking fee of 15%.

12 INDEMNIFICATION

12.1 Purchaser agrees to indemnify, defend and hold harmless Seller against any and all claims, costs, expenses, damages and liabilities (including reasonable attorneys' fees) arising out of third party claims or demands against Seller arising out of Purchaser's negligence or willful misconduct in using or possessing the Products or breach by Purchaser of its obligations arising out of this Agreement, except to the extent such liability is attributable to Seller's negligence or willful misconduct. Seller shall not settle or compromise such a claim or action without Purchaser's prior written consent.

12.2 Seller agrees to indemnify, defend and hold harmless Purchaser against any and all claims, costs, expenses, damages and liabilities (including reasonable attorneys' fees) arising out of third party claims or demands against Purchaser arising out of defect or malfunction of Seller's Product, or out of Seller's negligence or willful misconduct, except to the extent that such loss or liability is attributable to Purchaser's negligence or willful misconduct. Purchaser shall not settle or compromise such a claim or action without Seller's prior written consent.

13 DATA PROTECTION AND CONFIDENTIALITY

13.1 Information which Purchaser provides or which is obtained in dealings with Purchaser may be held by Seller

in accordance with the applicable data protection laws and will be used by Seller, affiliates, its agents and sub-contractors to provide the Products and to review, develop and improve the Products and any related services.

13.2 All plans, drawings, technical specifications, documents, software, microfilm, data, and proprietary information relating to the Products and services contemplated hereunder are the confidential and proprietary information of Seller and shall be treated in confidence by Purchaser, and shall not be copied, reproduced, or communicated to any third party in any way whatever except in connection with the operation and maintenance of the Products or in the performance of the services, under terms and conditions specified by Seller in writing.

13.3 If not governed by a separate license or agreement, any software furnished hereunder whether separately or incorporated with supplied Seller's Products, including any subsequent updates, is provided for use by Purchaser on a restricted, non-exclusive, non-transferable basis on the following terms and conditions: (i) the software and any part thereof is to be used only by Purchaser for its own internal operations and on the type of unit on which the software is first installed; (ii) Purchaser may not copy, decompile, disassemble or reverse engineer, in whole or in part, any software or hardware documentation developed by Seller; additional copies of software and any documentation may be obtained from Seller or its representatives at Seller's then standard charges, subject to applicable import and export laws and regulations; (iii) any third party licensed software will be identified as such and Purchaser will be required to complete any sublicense specified by the software licensor; and (iv) source code for software is not included (unless provided under separate agreement regarding the licensing of such source code).

13.4 Through the purchase of Seller's Products, Purchaser does not acquire any interest in any intellectual property, intellectual property rights or proprietary rights of Seller associated with its Products or services, including, but not limited to, any tooling, drawings, design information, computer programming, patents, trademarks, trade secrets, know-how, goodwill or copyright or confidential information related to said Products or services, and Purchaser expressly agrees not to reverse engineer or decompile such Products or related software and information.

13.5 Purchaser and Seller agree that this Agreement, including the Schedule(s) attached hereto, represent and contain confidential information of the Seller that shall not be disclosed to any third party or otherwise made public, without Seller's prior written consent. However the obligations of confidentiality herein shall not apply to information which:

- a. was generally known to the public prior to the date of receipt by Purchaser;
- b. was properly in its legitimate possession prior to receipt hereunder, without any obligation of confidence attaching thereto;
- c. becomes generally known to the public, without breach hereof by Purchaser;
- d. after disclosure hereunder, is lawfully received by Purchaser from a third party who is lawfully in possession of it and is not restricted from disclosing it to Purchaser;
- e. Purchaser is required by law to disclose, provided that, unless prohibited by law, Purchaser agrees to first notify Seller at the first reasonable opportunity that Purchaser is required to disclose such confidential information so that Seller may take steps to oppose or limit such disclosure. In all cases, Purchaser may not disclose any more confidential information than necessary to comply with law.

14 TERMINATION

14.1 Seller shall be entitled (without prejudice to any of its other rights and remedies against Purchaser) by notice in writing to Purchaser to terminate or suspend any agreement for the purchase of Products by Purchaser if Purchaser becomes insolvent or goes into liquidation or bankruptcy.

14.2 A party may terminate this Agreement in the event of a breach of a material provision of this Agreement by the other party, by giving three (3) months' prior written notice of termination to the breaching party. Such termination shall take effect on the date specified in the notice or three (3) months from the date of its receipt, whichever is later, unless within that three (3) months period the breaching party cures such breach or undertakes measures to correct it that are satisfactory to the non-breaching party.

15 EXPORT, RESALE

Purchaser agrees that Products purchased hereunder will not be exported, reshipped or resold to any persons.

16 MISCELLANEOUS

16.1 The validity, interpretation and enforcement of this Agreement shall be governed solely by the laws of the province of Ontario without regard to its conflict of laws provisions and excluding the International Sale of Goods Act (Ontario). To the extent permitted by law, and in the event the Parties cannot find an amicable solution after reasonable efforts and negotiations, all disputes that arise out of this Agreement or in connection therewith shall

be submitted to the exclusive jurisdiction of the courts of the Province of Ontario. Notwithstanding the foregoing, a Party shall have the right to seek injunctive relief and/or bring an action for payment of debts before any competent court, including courts with jurisdiction in the place of the registered address of the debtor.

16.2 No Party shall be deemed to have waived any of its rights or remedies whatsoever unless such waiver is express, unequivocal, in writing and signed by a duly authorized representative of Seller. No delay or failure of Seller in exercising or enforcing any of its rights or remedies shall operate as a waiver thereof.

16.3 The invalidity, illegality or unenforceability for any reason of any clause or part thereof in this Agreement shall not prejudice or affect the validity, legality or enforceability of the remainder.

16.4 Purchaser may not assign or transfer any of its obligations under this Agreement without the prior written agreement of Seller, which it may give in its sole discretion. Any attempt by Purchaser to assign any rights, duties or obligations which arise under this Agreement without such consent will be void. Seller reserves the right to assign its obligations and rights under this Agreement, in whole or in part, to (i) the manufacturer of the Products, their parent company, an affiliate or subsidiary of the manufacturer or an affiliate or subsidiary of Seller or another entity under common control with Seller or (ii) a purchaser of all or substantially all the assets of Seller or one of its divisions or businesses. This Agreement shall be binding upon and enure to the benefit of the Parties and their respective heirs, executors, personal representatives, administrators and successors and permitted assigns.

16.5 The terms and provisions of this Agreement are intended solely for the benefit of the Seller and the Purchaser. No rights or benefits hereunder shall enure to any third party.

16.6 Each Party represents that it has the authority to agree to these terms and that the terms are not inconsistent with any other obligations, express or implied, that it may have.

16.7 It is the express wish of the Parties that this contract and all documents in connection with this contract be drawn up in English. ***Il est la volonté expresse des parties que le présent contrat et tous les documents qui s'y rattachent soient rédigés en langue anglaise.***

Legend

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Legend

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