

Precess

ACCESSORY GUIDE

REV B



Model 3160
REF 865323
April 2011




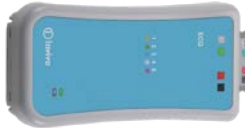





Frequently Ordered Items






| Part Number | Description | Page | QTY |
|--------------|--|------|-----|
| | ECG Accessories | | |
| 989803152291 | Prep Gel | 4 | |
| 989803152321 | Standard Quadrode Electrodes, Box of 50 | 4 | |
| 989803152341 | Neonatal Quadrode Electrodes, Box of 10 | 5 | |
| 989803152361 | CV Quadrode Electrodes, Box of 10 | 5 | |
| | | | |
| | SpO₂ Accessories | | |
| 989803166551 | SpO ₂ Quick Connect, Adult, Box of 20 | 6 | |
| 989803166561 | SpO ₂ Quick Connect, Pediatric, Box of 20 | 6 | |
| 989803166571 | SpO ₂ Quick Connect, Infant, Box of 20 | 6 | |
| 989803166581 | SpO ₂ Quick Connect, Neo, Box of 20 | 6 | |
| 989803167111 | SpO ₂ Quick Connect, Starter Kit, (5 sensors) | 6 | |
| | | | |
| | NIBP Accessories | | |
| 989803170431 | Disposable Infant Cuff, Box of 10 | 7 | |
| 989803170441 | Disposable Pediatric Cuff, Box of 10 | 7 | |
| 989803170451 | Disposable Small Adult Cuff, Box of 10 | 7 | |
| 989803170461 | Disposable Adult Cuff, Box of 10 | 7 | |
| 989803170471 | Disposable Adult Extra-Long Cuff, Box of 10 | 8 | |
| 989803170481 | Disposable Large Adult Cuff, Box of 10 | 8 | |
| 989803170491 | Disposable Large Adult Extra-Long Cuff, Box of 10 | 8 | |
| 989803169421 | Neonatal NIBP Hose (Single Lumen) | 8 | |
| 989803170401 | Neonatal Disposable Cuff, #3 | 8 | |
| 989803170421 | Neonatal Disposable Cuff, #5 | 8 | |
| | | | |
| | Low-Flow EtCO₂ Accessories (Blue) | | |
| 989803152531 | Low-Flow Starter Kit | 9 | |
| 989803152541 | Low-Flow Sample Line (Blue) | 9 | |
| 989803152551 | Low-Flow Water Trap (Blue) | 9 | |
| | | | |
| | Accessories for EtCO₂/Agent System | | |
| 989803152661 | Standard-Flow Sample Line (Clear) | 9 | |
| 989803152671 | Standard-Flow Water Trap (Clear) | 9 | |
| 989803152561 | Adult Cannula | 10 | |
| 989803152571 | Pediatric Cannula | 10 | |
| 989803152581 | Small Infant Cannula | 10 | |
| 989803152591 | Infant Cannula | 10 | |
| 989803152601 | Divided Adult Cannula | 10 | |
| 989803152611 | Divided Small Infant Cannula | 10 | |
| 989803152621 | Divided Infant Cannula | 10 | |
| 989803152631 | Divided Pediatric Cannula | 10 | |
| | | | |
| | Temperature Accessories | | |
| 989803152801 | FiberTEMP Surface Temperature Sensor | 11 | |

Accessory Guide Contents by Parameter Type

| Accessory Type | Page |
|--------------------------------------|------|
| ECG Accessories | 4 |
| SpO ₂ Accessories | 6 |
| NIBP Accessories | 7 |
| EtCO ₂ /Agent Accessories | 9 |
| Pneumatic Respiration Accessories | 11 |
| Temperature Accessories | 11 |
| Power and Batteries | 12 |
| Documentation | 13 |
| Gating Accessories | 14 |
| Miscellaneous | 14 |
| Mounting Options | 15 |

ECG Accessories









| Part Number | Description | Image | QTY |
|-------------------------|---|---|-----|
| 989803152251 (94016) | Standard ECG Kit <i>Includes ECG Lead Cable (9224), box of 10 Standard Quadtrodes (9303A), and single tube of Prep Gel (453564120521)</i> |  | |
| 989803152261 (94015) | CV ECG Starter Kit <i>Includes CV ECG Lead Cable (9223), box of 10 CV Quadtrodes (9371A) and single tube of Prep Gel (453564120521)</i> |  | |
| 989803152441 (94013) | Neonatal Starter Kit <i>Includes Neonatal ECG Lead Cables (9222), box of 10 Neonatal Quadtrodes (9372A), single tube of Prep Gel (453564120521), Neonatal NIBP Hose (989803169421), Neonatal #3 BP Cuff (989803170401), Neonatal #5 BP Cuff (989803170421), Neonatal Grip Sensors (9399AN), Infant Grip Sensors (9399AI), and Infant Cannulas (9014 and 9015)</i> |  | |
| 989803172441 | Wireless ECG Module (Adjustable) <i>Additional or Replacement (Must provide Precess serial number).</i> |  | |
| 989803152291 (9009) | Prep Gel <i>Package of 3 tubes (453564120521). Must be used when applying MRI electrodes</i> |  | |
| 989803152301 (9224) | Standard ECG Lead Cable <i>Compatible with the Standard Quadtrode 9303A or 9303N</i> |  | |
| 989803152311 (9303A) | Standard Quadtrode (Box of 10) <i>MRI Electrodes compatible with the 9224 Standard Lead Cable</i> |  | |
| 989803152321 (9303N) | Standard Quadtrode (Box of 50) <i>MRI Electrodes compatible with the 9224 Standard Lead Cable</i> |  | |
| 989803152331 (9222) | Neonatal ECG Cable <i>Compatible with the Neonatal Quadtrode 9372A</i> |  | |











| Part Number | Description | Image | QTY |
|-------------------------|---|---|-----|
| 989803152341 (9372A) | Neonatal Quadrodes (Box of 10) <i>MRI Electrodes compatible with the 9222 Neonatal Lead Cable</i> |  | |
| 989803152351 (9223) | CV ECG Lead Cable <i>Compatible with the CV Quadrode 9371A</i> |  | |
| 989803152361 (9371A) | CV Quadrode (Box of 10) <i>MRI Electrodes compatible with the CV Lead Cable 9223, Advanced Filter Cable 989803170121 and Special Application Cable 452213305301</i> |  | |
| 989803170121 | Advanced Filter ECG Cable <i>Designed to minimize the gradient artifact on the ECG trace. For use with CV Quadrode 9371A</i> |  | |
| 452213305301 | Special Application ECG Lead Cable - <i>Compatible with the CV Quadrode 9371A- Designed to allow for wide electrode placement</i> |  | |

SpO₂ Accessories

| Part Number | Description | Image | QTY |
|--------------|--|---|-----|
| 989803172431 | Wireless SpO₂ Module (Adjustable) <i>Additional or Replacement. Must provide Precess serial number.</i> |  | |
| 989803161991 | Quick Connect SpO₂ Sensor, MRI <i>For use with Generation 2 SpO₂ Module 989803172431 and Quick Connect SpO₂ accessories only</i> |  | |
| 989803166551 | Adult Quick Connect Disposable SpO₂ Applicator (Box of 20) <i>For use with 989803161991 Quick Connect SpO₂ sensor</i> |  | |
| 989803166561 | Pediatric Quick Connect Disposable SpO₂ Applicator (Box of 20) <i>For use with 989803161991 Quick Connect SpO₂ sensor</i> |  | |
| 989803166571 | Infant Quick Connect Disposable SpO₂ Applicator (Box of 20) <i>For use with 989803161991 Quick Connect SpO₂ sensor</i> |  | |
| 989803166581 | Neonatal Quick Connect Disposable SpO₂ Applicator (Box of 20) <i>For use with 989803161991 Quick Connect SpO₂ sensor</i> |  | |
| 989803167111 | Quick Connect SpO₂ Starter Kit <i>For use with 989803161991 Quick Connect SpO₂ sensor. Includes 5 each of Quick Connect Disposable Grips (Adult, Pediatric, Infant, and Neonatal)</i> |  | |
| 989803166531 | Adult Quick Connect Reusable SpO₂ Clip <i>For use with 989803161991 Quick Connect SpO₂ sensor</i> |  | |
| 989803166541 | Pediatric Quick Connect SpO₂ Clip <i>For use with 989803161991 Quick Connect SpO₂ sensor</i> |  | |




NIBP Accessories

| Part Number | Description | Image | QTY |
|---|--|---|-----|
| <p>989803152441 (94013)</p> | <p>“Quick Connect” Neonatal Starter Kit <i>Includes: Neonatal ECG Lead Cables (9222), box of 10 Neonatal Quadtrodes (9372A), single tube of Prep Gel (453564120521), Neonatal NIBP Hose (989803169421), Neonatal #3 BP Cuff (989803170401), Neonatal #5 BP Cuff (989803170421), Neonatal Grip Sensors (9399AN), Infant Grip Sensors (9399AI), and Infant Cannulas (9014 and 9015)</i></p> |  | |
| <p>989803152451 (94014)</p> | <p>“Quick Connect” NIBP Starter Kit <i>Includes: MRI NIBP Adult Hose (989803169411), Adult Cuff (989803169451) and Pediatric Cuff (989803169441)</i></p> |  | |
| <p>989803169411</p> | <p>“Quick Connect” NIBP Hose (Twin Lumen) 18' MRI Hose <i>For use with Quick Connect NIBP Cuffs</i></p> |  | |
| <p>989803170501</p> | <p>“Quick Connect” Disposable NIBP Sample Kit <i>Includes: one of each Disposable Cuff compatible with 989803169411 MRI NIBP Hose</i></p> |  | |
| <p>989803170431</p> | <p>“Quick Connect” Infant NIBP Disposable Cuff (Box of 10) <i>Circumference range 10 to 15 cm compatible with 989803169411 MRI NIBP Hose</i></p> |  | |
| <p>989803170441</p> | <p>“Quick Connect” Pediatric NIBP Disposable Cuff (Box of 10) <i>Circumference range 14 to 21 cm compatible with 989803169411 MRI NIBP Hose</i></p> |  | |
| <p>989803170451</p> | <p>“Quick Connect” Small Adult NIBP Disposable Cuff (Bx of 10) <i>Circumference range 20 to 28 cm compatible with 989803169411 MRI NIBP Hose</i></p> |  | |
| <p>989803170461</p> | <p>“Quick Connect” Adult NIBP Disposable Cuff (Box of 10) <i>Circumference range 27 to 36 cm compatible with 989803169411 MRI NIBP Hose</i></p> |  | |

| Part Number | Description | Image | QTY |
|--------------|---|---|-----|
| 989803170471 | “Quick Connect” Adult Extra Long NIBP Disposable Cuff (Box of 10) <i>Circumference range 27 to 36 cm compatible with 989803169411 MRI NIBP Hose</i> |  | |
| 989803170481 | “Quick Connect” Large Adult NIBP Disposable Cuff (Bx of 10) <i>Circumference range 35 to 45 cm compatible with 989803169411 MRI NIBP Hose</i> |  | |
| 989803170491 | “Quick Connect” Large Adult Extra-Long NIBP Disposable Cuff (Box of 10) <i>Circumference range 35 to 45 cm compatible with 989803169411 MRI NIBP Hose</i> |  | |
| 989803169431 | “Quick Connect” Infant NIBP Cuff (Twin Lumen) <i>Circumference range 5 to 15 cm compatible with 989803169411 MRI NIBP Hose</i> |  | |
| 989803169441 | “Quick Connect” Pediatric NIBP Cuff (Twin Lumen) <i>Circumference range 9 to 25 cm compatible with 989803169411 MRI NIBP Hose</i> |  | |
| 989803169451 | “Quick Connect” Adult NIBP Cuff (Twin Lumen) <i>Circumference range 17 to 41 cm compatible with 989803169411 MRI NIBP Hose</i> |  | |
| 989803169461 | “Quick Connect” Large Adult NIBP Cuff (Twin Lumen) <i>Circumference range 39 to 62 cm compatible with 989803169411 MRI NIBP Hose</i> |  | |
| 989803169421 | “Quick Connect” Neonatal NIBP Hose (Single Lumen) <i>15' MRI Neonatal Hose for use with 989803170401 and 989803170421 NIBP Cuffs</i> |  | |
| 989803170401 | “Quick Connect” Disposable Neonatal NIBP Cuff #3 (Single Lumen) - QTY 1 - <i>Circumference range 6 to 11 cm compatible with 989803169421 MRI Neonatal NIBP Hose</i> |  | |
| 989803170421 | “Quick Connect” Disposable Neonatal NIBP Cuff #5 (Single Lumen) - QTY 1 - <i>Circumference range 8 to 15 cm compatible with 989803169421 MRI Neonatal NIBP Hose</i> |  | |




EtCO₂ (Low-Flow) Accessories

These accessories are only compatible with Precess low-flow systems (EtCO₂ option only, no Anesthetic Agents).












| Part Number | Description | Image | QTY |
|-------------------------|--|---|-----|
| 989803152531 (94022) | Low-Flow EtCO₂ Kit (Blue) <i>Includes 1 Low-Flow Blue Water Trap (94020), 1 Low-Flow EtCO₂ Blue Sample Line, (94021), 2 pediatric cannulas (9013), and 2 adult cannulas (9012)</i> |  | |
| 989803152541 (94021) | Low-Flow EtCO₂ Sample Line (Blue) <i>For use with Low-Flow EtCO₂ equipped systems only - Compatible with Low-Flow Water Trap (94020) only</i> |  | |
| 989803152551 (94020) | Low-Flow Disposable Water Trap (Blue) <i>For use with Low-Flow EtCO₂ equipped systems only - Compatible with the Low-Flow Sample Line (94021) only</i> |  | |

EtCO₂ (Standard Flow)/Agents Accessories



These accessories are only compatible with Precess systems equipped with the Dual Anesthetic Agent option.

| Part Number | Description | Image | QTY |
|-------------------------|--|---|-----|
| 989803152651 (94019) | Standard-Flow EtCO₂/Agents Kit (Clear) <i>Includes 1 Standard-Flow Clear Water Trap (94012) and 2 Standard-Flow Clear Sample Lines (94018)</i> |  | |
| 989803152661 (94018) | Standard-Flow ETCO₂/AGENT Sample Line (Clear) <i>For use with Agent-equipped systems only - Compatible with Standard-Flow Clear Water Trap (94012) only</i> |  | |
| 989803152671 (94012) | Standard-Flow Disposable Water Trap (Clear) <i>For use with Agent-equipped units only - Compatible with Standard-Flow Clear Sample Line (94018) only</i> |  | |


EtCO₂/Anesthetic Agent Accessories
 These accessories are compatible with all Precess systems

| Part Number | Description | Image | QTY |
|-------------------------|---|---|-----|
| 989803152561 (9012) | Adult Disposable Cannula |  | |
| 989803152571 (9013) | Pediatric Disposable Cannula |  | |
| 989803152581 (9014) | Small Infant Disposable Cannula |  | |
| 989803152591 (9015) | Infant Disposable Cannula |  | |
| 989803152601 (9016) | Divided Adult Disposable Cannula <i>Disposable Adult Divided Cannula for simultaneous delivery of O₂ and EtCO₂ sampling</i> |  | |
| 989803152611 (9016A) | Divided Small Infant Disposable Cannula <i>For simultaneous delivery of O₂ and EtCO₂ sampling</i> |  | |
| 989803152621 (9016B) | Divided Infant Disposable Cannula <i>For simultaneous delivery of O₂ and EtCO₂ sampling</i> |  | |
| 989803152631 (9016C) | Divided Pediatric Disposable Cannula <i>For simultaneous delivery of O₂ and EtCO₂ sampling</i> |  | |
| 989803152681 (9471) | Scavenger Hose |  | |
| 989803152691 (9025) | Endotracheal Airway Adapter (Box of 50) |  | |
| 989803152701 (9027) | Female Luer Lock Adapters (Box of 10) <i>Female to Female</i> |  | |



Agents Sensor Kits and Maintenance Kits

| Part Number | Description | Image | QTY |
|--------------|--|---|-----|
| 989803162961 | Anesthetic Oxygen (O ₂) Sensor Installation Tool |  | |
| 989803162051 | Anesthetic Oxygen (O ₂) Sensor for Precess |  | |

Pneumatic Respiration Accessories

| Part Number | Description | Image | QTY |
|-------------------------|---|---|-----|
| 989803152791 (94023) | Chest Bellows <i>Compatible with Wireless SpO₂ Module</i> |  | |


Temperature Accessories

| Part Number | Description | Image | QTY |
|------------------------|---|---|-----|
| 989803152801 (9320) | FiberTEMP Sensor (Generation 2) <i>For surface temperature only</i> |  | |
| 989803152811 (9321) | FiberTemp Sensor Applicators (Box of 30) <i>Only for surface application</i> |  | |

Invasive Blood Pressure Accessories

Note: Invivo Corporation recommends using the following transducer and adapter cable with the Precess MRI Patient Monitoring System: Edwards Lifesciences transducer model PX260. Please contact Edwards Lifesciences for an adapter cable that is compatible with Invivo devices. With additional questions, contact your Invivo sales representative.

Power Accessories





| Part Number | Description | Image | QTY |
|--------------------------|---|---|-----|
| 989803152881 (9065) | Wireless Module Batteries 3.7V <i>Additional or Replacement</i> |  | |
| 989803152891 (9023) | Wireless Module 3.7V Battery Charger <i>Additional or Replacement</i> |  | |
| 989803169491 (9093) | 14.8V Batteries For Base and Display <i>Additional or Replacement - For use with the Cart, PMC and DCU</i> |  | |
| 989803171721 | MR Fusion Power Supply <i>Must be used with AC517B cables and appropriate line cords listed in the following pages. Intended for use with the Cart and PMC, or with remote DCU used inside the MR system room</i> |  | |
| 989803152221 (AC517A) | 5-Foot MRI Power Cable <i>Connects MR Fusion Power Supply (989803171721) or White Power Supply (989803169201) to Precess Cart or PMC</i> |  | |
| 989803152231 (AC517B) | 25-Foot MRI Power Cable <i>Connects MR Fusion Power Supply (989803171721) or White Power Supply (989803169201) to Precess Cart or PMC</i> |  | |
| 453564177511 | Universal Line Cord <i>250V cord with un terminated end for use with MR Fusion Power Supply (989803171721) or White Power Supply (989803169201)</i> |  | |

| Part Number | Description | Image | QTY |
|--------------|---|---|-----|
| 989803168211 | North American Line Cord <i>Hospital grade 125V cord with US plug type for use with MR Fusion Power Supply (989803171721) or White Power Supply (989803169201)</i> |  | |
| 453564177501 | European Line Cord <i>250V cord with European (2-prong) plug type for use with MR Fusion Power Supply (989803171721) or White Power Supply (989803169201)</i> |  | |
| 989803173901 | Brazilian Line Cord <i>250V cord with Brazilian (3-prong) plug type for use with MR Fusion Power Supply (989803171721) or White Power Supply (989803169201)</i> |  | |
| 989803168221 | Cord Jumper (25 feet) <i>Optional 25-foot cord jumper connecting the MR Fusion to the Line Cord (989803171721) or White Power Supply (989803169201) and a line cord</i> |  | |
| 989803174171 | UK Line Cord <i>UK plug type for use with MR Fusion Power Supply (989803171721) or White Power Supply (989803169201)</i> | | |
| 453564123631 | DCU Power Converter Kit <i>Non-MRI power supply for use with remote DCU and line cord outside the MR system room</i> |  | |





Documentation

| Part Number | Description | Image | QTY |
|--------------|---|-----------------------------|-----|
| TBD | Precess Service Manual | Image currently unavailable | |
| 989803172891 | Precess Operators Manual, English | Image currently unavailable | |
| 989803174161 | Precess Quick Reference Guide, English | Image currently unavailable | |





Gating Options/Accessories

| Part Number | Description | Image | QTY |
|------------------------|---|---|-----|
| 989803152831 (9291) | Siemens Gating Interface <i>Connects Precess cardiac and peripheral gating output to Siemens (Avanto, Espree, Verio, Symphony, and Trio) MRI systems</i> |  | |
| 989803152821 (9292) | GE Excite Gating Interface <i>Connects Precess cardiac and peripheral gating output to GE Excite, MR 450, MR750 and Horizon MRI systems</i> |  | |
| 989803152851 (9293) | Hitachi/Toshiba Gating Interface <i>Connects Precess cardiac and peripheral gating output to Hitachi and Toshiba MRI systems</i> |  | |
| 989803152841 (9294) | Vector Gating Interface <i>Connects Precess cardiac and peripheral gating option to MRI systems equipped with vector gating such as the Philips Achieva MRI systems</i> |  | |

Miscellaneous Accessories

| Part Number | Description | Image | QTY |
|-------------------------|--|---|-----|
| 989803152861 (HP176) | Zero Port Filter |  | |
| 453564125581 | 2.4GHz Antenna <i>Replacement or Spare Antenna</i> |  | |
| 989803152871 (9059) | 2.4GHz Passive Antenna Kit <i>Cable lengths (AC485) will need to be known before ordering. Maximum distance is 100 ft Additional installation charge may be required</i> |  | |
| 989803152911 (9180T) | Printer Paper (Box of 10) |  | |

Mounting Options

| Part Number | Description | Image | QTY |
|--------------------------------|--|---|-----|
| 989803152941 (94026) | Precess Display Wall Mount Assembly <i>For use with DCU. Comes with 9019 channel.</i> <i>Note: Must be combined with a mounting channel (9452A,9453 or ,9019)</i> |  | |
| 989803152951 (9019) | 19-inch Wall Channel <i>Allows DCU to be mounted to a wall</i> <i>Note: Must be used with mounting arm (94026))</i> |  | |
| 989803152961 (9452A) | Datex Dovetail Channel <i>Allows DCU to be mounted to a Datex Anesthesia Machine</i> <i>Note: Must be used with mounting arm (94026)</i> |  | |
| 989803152971 (9453) | Draeger/Universal Channel <i>Allows DCU to be mounted to a Draeger Anesthesia Machine</i> <i>Note: Must be used with mounting arm (94026)</i> |  | |



inspired by a better way

For more information about **Invivo MRI Patient Monitoring Systems** or any of the Complete Solution products from Invivo, please visit our website at: www.invivocorp.com

INVIVO CORPORATION

ORLANDO, FL USA

T: 800-331-3220

E: INFO@INVIVOCORP.COM

EUROPE

T: +31 (0)499 378624

E: CONTACT@INVIVOCORP.COM

WWW.INVIVOCORP.COM

WWW.INVIVOPRECESS.COM

PHILIPS

Invivo is a Philips Company

Products, services and technical specifications are subject to change without notice.

© 2011 Invivo Corporation All Rights Reserved.