

**AVANOS
PRODUCTS**



COOLIEF* COOLED RF KITS

The COOLIEF* Cooled RF Kit consists of 1 COOLIEF* Cooled RF Probe, 3 COOLIEF* Cooled RF Fluid Delivery Introducers and 1 Cooled RF Sterile tube kit.

Product code	Description	Therapy	Type Generator
CRK-17-50-2	COOLIEF* Probe Kit 17 GA 50mm Length 2mm Active Tip	Cervical	All g. & pumps
CRK-17-50-4 50-4	COOLIEF* Probe Kit 17 GA 50mm Length 4mm Active Tip	Knee	All g. & pumps
CRK-17-75-2 75-2	COOLIEF* Probe Kit 17 GA 75mm Length 2mm Active Tip	Cervical	All g. & pumps
CRK-17-75-4 75-4	COOLIEF* Probe Kit 17 GA 75mm Length 4mm Active Tip	Lumbar, SIJ, knee	All g. & pumps
CRK-17-75- 5.5	COOLIEF* Probe Kit 17 GA 75mm Length 5.5mm Active Tip	Thoracic	All g. & pumps
CRK-17-100- 4	COOLIEF* Probe Kit 17 GA 100mm Length 4mm Active Tip	Lumbar, SIJ	All g. & pumps
CRK-17-150- 4	COOLIEF* Probe Kit 17 GA 150mm Length 4mm Active Tip	Hip	All g. & pumps



SINERGY* COOLED RF KITS

The SINERGY* Cooled RF Kit consists of 1 COOLIEF* Cooled RF Probe, 3 COOLIEF* Cooled RF Fluid Delivery Introducers, 1 Cooled RF Sterile tube kit, 2 SINERGY* Epsilon Rulers and 1 RF Quickclamp device.

Product code	Description	Therapy	Type Generator
SIK-17-75-4	COOLIEF* SINERGY* Probe Kit 17 GA, 75mm Length 4mm Active Tip (1 Probe, 3 Introducers, 2 Tube Kits, 2 Epsilon Rulers, 1 QUICKCLAMP* Device)	SIJ	All g. & pumps
SIK-17-150-4	COOLIEF* SINERGY* Probe Kit 17 GA, 150mm Length 4mm Active Tip (1 Probe, 3 Introducers, 2 Tube Kits, 2 Epsilon Rulers, 1 QUICKCLAMP* Device)	SIJ	All g. & pumps



TRANSDISCAL* COOLED RF KITS

The TRANSDISCAL* Cooled RF Kit consists of 2 TRANSDISCAL* probes, 2 TRANSDISCAL*introducers (basic) and 2 pain management tube kits.

Product code	Description	Therapy	Type Generator
TDK2-17-150-6	COOLIEF* TRANSDISCAL* Kit 17 GA, 150mm Length 6mm Active Tip (2 Probes, 2 Introducers, 2 Tube Kits)	Disc Biacuplasty	All g. & pumps



COOLIEF* COOLED RF PROBES

The probe includes a 1.2- meter connecting cable and a hose extension. A thermocouple in the probe measures the cooled electrode temperature during the procedure. A radiopaque marker is located at the proximal end of the active tip. This marker defines the lesion location under fluoroscopy, confirms the position and improves visualization.

Product code	Description	Therapy	Type Generator
CRP-17-50	COOLIEF* Probe 17 GA 50mm Length	Cervical, knee	All g. & pumps
CRP-17-75	COOLIEF* Probe 17 GA 75mm Length	Cervical, Thoracic, Lumbar, SIJ, Knee	All g. & pumps
CRP-17-100	COOLIEF* Probe 17 GA 100mm Length	Lumbar SIJ	All g. & pumps
CRP-17-150	COOLIEF* Probe 17 GA 150mm Length	Hip, SIJ, Disc biacuplasty	All g. & pumps
TDP-17-150	COOLIEF* TRANSDISCAL* Probe 17 GA 150mm Length	Disc biacuplasty	All g. & pumps



COOLIEF* COOLED RF INTRODUCERS

The COOLIEF* Cooled RF introducer is to be used with the COOLIEF* Cooled Radiofrequency Probe only, the COOLIEF* Cooled Radiofrequency Introducer provides a path for the probe to the nervous tissue. Includes an insulated stainless steel cannula and a stylet.

Product code	Description	Therapy	Type Generator
CRI-17-50-2	COOLIEF* Introducer 17 GA50mm Length 2mm Active Tip	Cervical	All g. & pumps
CRI-17-50-4	COOLIEF* Introducer 17 GA 50mm Length 4mm Active Tip	Knee	All g. & pumps
CRI-17-75-2	COOLIEF* Introducer 17 GA 75mm Length 2mm Active Tip	Cervical	All g. & pumps
CRI-17-75-4	COOLIEF* Introducer 17 GA 75mm Length 4mm Active Tip	Lumbar, SIJ, knee	All g. & pumps
CRI-17-75-5.5	COOLIEF* Introducer 17 GA 75mm Length 5.5mm Active Tip	Thoracic	All g. & pumps
CRI-17-100-4	COOLIEF* Introducer 17 GA 100mm Length 4mm Active Tip	Lumbar, SIJ	All g. & pumps
CRI-17-150-4	COOLIEF* Introducer 17 GA 150mm Length 4mm Active Tip	Hip	All g. & pumps
CRI-17-150-6	COOLIEF* Introducer 17 GA 150mm Length 6mm Active Tip	Disc biacuplasty	All g. & pumps



STAINLESS STEEL PROBES

Durable and reusable, standard RF probes are available in a variety of lengths and sizes. The reusable probes are color-coded for easy size identification and can be steam sterilized.

Product code	Description	Type Generator
PMP-16-100C	16 GA, 100mm Curved Probe	All generators
PMP-16-145C	16 GA, 145mm Curved Probe	All generators
PMP-18-100	18 GA, 100mm Straight Probe	All generators
PMP-18-100C	18 GA, 100mm Curved Probe	All generators
PMP-18-145C	18 GA, 145mm Curved Probe	All generators
PMP-20-60C	20 GA, 60mm Curved Probe	All generators
PMP-20-100	20 GA, 100mm Straight Probe	All generators
PMP-20-100C	20 GA, 100mm Curved Probe	All generators
PMP-20-145	20 GA, 145mm Straight Probe	All generators
PMP-20-145C	20 GA, 145mm Curved Probe	All generators
PMP-21-50	21 GA, 50mm Straight Probe	All generators
PMP-21-100	21 GA, 100mm Straight Probe	All generators
PMP-22-54	22 GA, 54mm Straight Probe	All generators
PMP-22-54C	22 GA, 54mm Curved Probe	All generators
PMP-22-100	22 GA, 100mm Straight Probe	All generators
PMP-22-100C	22 GA, 100mm Curved Probe	All generators



NITINOL RF PROBES

Durable and reusable, standard RF probes are available in a variety of lengths and sizes. The reusable probes are color-coded for easy size identification and can be steam sterilized.

Product code	Description	Type Generator
PMP-54-N	54mm Straight Nitinol Probe	All generators
PMP-54C-N	54mm Curved Nitinol Probe	All generators
PMP-60C-N	60mm Curved Nitinol Probe	All generators
PMP-100-N	100mm Straight Nitinol Probe	All generators
PMP-100C-N	100mm Curved Nitinol Probe	All generators
PMP-145-N	145mm Straight Nitinol Probe	All generators
PMP-145C-N	145mm Curved Nitinol Probe	All generators
PMP-200C-N	200mm Curved Nitinol Probe	All generators



SINGLE USE PROBES

The RADIOPAQUE* Cannula provides enhanced visualization during positioning, resulting in targeted treatment. The platinum band at the distal end of the active end determines the actual lesion location under fluoroscopy.

Product code	Description	Type Generator
PMP-16-100C-SU	16 GA 100mm Curved Single Use Probe	All generators
PMP-16-145C-SU	16 GA 145mm Curved Single Use Probe	All generators
PMP-18-100-SU	18 GA 100mm Straight Single Use Probe	All generators
PMP-18-100C-SU	18 GA 100mm Curved Single Use Probe	All generators
PMP-18-145-SU	18 GA 145mm Straight Single Use Probe	All generators
PMP-18-145C-SU	18 GA 145mm Curved Single Use Probe	All generators
PMP-18-200-SU	18 GA 200mm Straight Single Use Probe	All generators
PMP-18-200C-SU	18 GA 200mm Curved Single Use Probe	All generators
PMP-20-60C-SU	20 GA 60mm Curved Single Use Probe	All generators
PMP-20-100-SU	20 GA 100mm Straight Single Use Probe	All generators
PMP-20-100C-SU	20 GA 100mm Curved Single Use Probe	All generators
PMP-20-145-SU	20 GA 145mm Straight Single Use Probe	All generators
PMP-20-145C-SU	20 GA 145mm Curved Single Use Probe	All generators
PMP-21-50-SU	21 GA 50mm Straight Single Use Probe	All generators
PMP-21-100-SU	21 GA 100mm Straight Single Use Probe	All generators
PMP-22-54-SU	22 GA 54mm Straight Single Use Probe	All generators
PMP-22-54C-SU	22 GA 54mm Curved Single Use Probe	All generators
PMP-22-100-SU	22 GA 100mm Straight Single Use Probe	All generators
PMP-22-100C-SU	22 GA 100mm Curved Single Use Probe	All generators



CURVED SHARP CANNULAE

The curved sharp cannula is for use with Conventional Radiofrequency (RF) Pain Management System. A platinum band at distal end of active tip defines actual lesion location under fluoroscopy and it provides enhanced visualization for more accurate positioning.

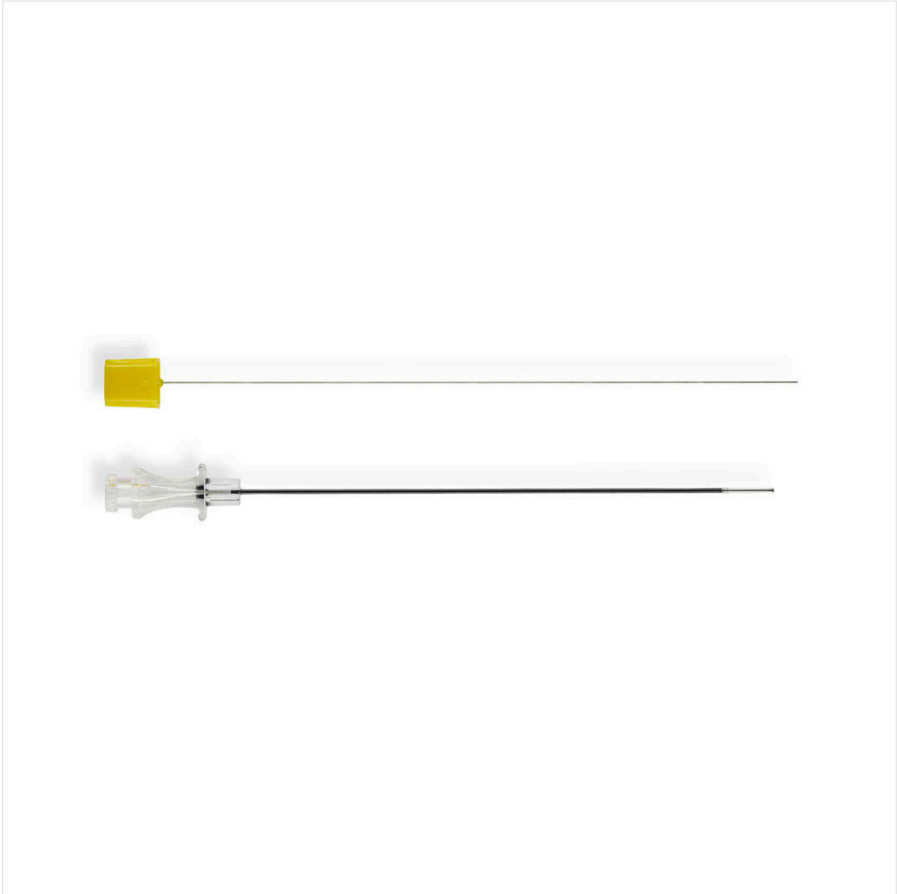
Product code	Description	Type Generator
PMF16-100-10CS	16 GA, 100mm, 10mm Active Tip Radiopaque Curved Sharp Cannulae	All generators
PMF16-100-10CS	16 GA, 100mm, 10mm Active Tip Radiopaque Curved Sharp Cannulae	All generators
PMF16-100-10CS	16 GA, 100mm, 10mm Active Tip Radiopaque Curved Sharp Cannulae	All generators
PMF16-100-10CS	16 GA, 100mm, 10mm Active Tip Radiopaque Curved Sharp Cannulae	All generators
PMF16-100-10CS	16 GA, 100mm, 10mm Active Tip Radiopaque Curved Sharp Cannulae	All generators
PMF16-100-10CS	16 GA, 100mm, 10mm Active Tip Radiopaque Curved Sharp Cannulae	All generators
PMF16-100-10CS	16 GA, 100mm, 10mm Active Tip Radiopaque Curved Sharp Cannulae	All generators
PMF16-100-10CS	16 GA, 100mm, 10mm Active Tip Radiopaque Curved Sharp Cannulae	All generators
PMF16-100-10CS	16 GA, 100mm, 10mm Active Tip Radiopaque Curved Sharp Cannulae	All generators
PMF16-100-10CS	16 GA, 100mm, 10mm Active Tip Radiopaque Curved Sharp Cannulae	All generators
PMF16-100-10CS	16 GA, 100mm, 10mm Active Tip Radiopaque Curved Sharp Cannulae	All generators
PMF16-100-10CS	16 GA, 100mm, 10mm Active Tip Radiopaque Curved Sharp Cannulae	All generators
PMF16-100-10CS	16 GA, 100mm, 10mm Active Tip Radiopaque Curved Sharp Cannulae	All generators
PMF16-100-10CS	16 GA, 100mm, 10mm Active Tip Radiopaque Curved Sharp Cannulae	All generators



STRAIGHT SHARP CANNULAE

The straight sharp cannula is for use with Conventional Radiofrequency (RF) Pain Management System. A platinum band at distal end of active tip defines actual lesion location under fluoroscopy and it provides enhanced visualization for more accurate positioning.

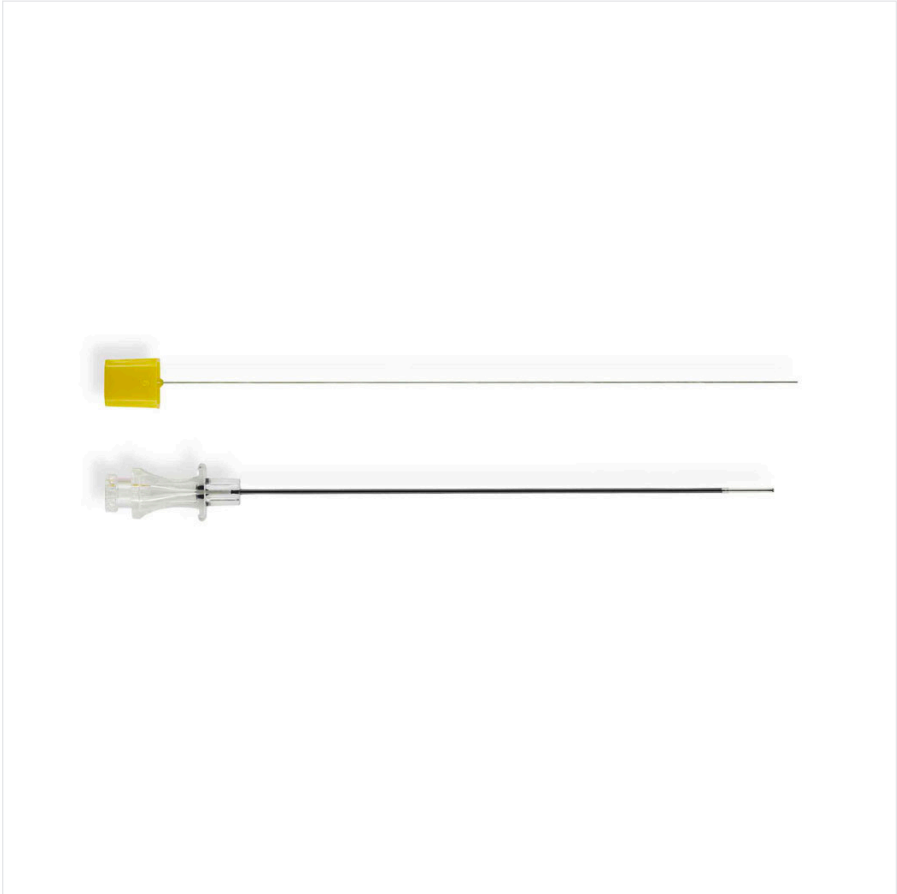
Product code	Description	Type Generator
PMC18-100-5	18 GA, 100mm, 5mm Active Tip Straight Sharp Cannulae	All generators
PMF18-54-10	18 GA, 54mm, 10mm Active Tip Radiopaque Straight Sharp Cannulae	All generators
PMF18-100-10	18 GA, 100mm, 10mm Active Tip Radiopaque Straight Sharp Cannulae	All generators
PMF18-145-10	18 GA, 145mm, 10mm Active Tip Radiopaque Straight Sharp Cannulae	All generators
PMF18-200-10	18 GA, 200mm, 10mm Active Tip Radiopaque Straight Sharp Cannulae	All generators
PMF20-100-10	20 GA, 100mm, 10mm Active Tip Radiopaque Straight Sharp Cannulae	All generators
PMF20-145-5	20 GA, 145mm, 5mm Active Tip Radiopaque Straight Sharp Cannulae	All generators
PMF20-145-10	20 GA, 145mm, 10mm Active Tip Radiopaque Straight Sharp Cannulae	All generators
PMC21-50-4	21 GA, 50mm, 4mm Active Tip Straight Sharp Cannulae	All generators
PMF21-100-5	21 GA, 100mm, 5mm Active Tip Radiopaque Straight Sharp Cannulae	All generators
PMC22-100-2	22 GA, 100mm, 2mm Active Tip Straight Sharp Cannulae	All generators
PMC22-54-2	22 GA, 54mm, 2mm Active Tip Straight Sharp Cannulae	All generators
PMC22-54-4	22 GA, 54mm, 4mm Active Tip Straight Sharp Cannulae	All generators
PMF22-100-5	22 GA, 100mm, 5mm Active Tip Radiopaque Straight Sharp Cannulae	All generators
PMF22-100-10	22 GA, 100mm, 10mm Active Tip Radiopaque Straight Sharp Cannulae	All generators



CURVED BLUNT CANNULAE

The RADIOPAQUE* Cannula provides enhanced visualization during positioning, resulting in targeted treatment. The platinum band at the distal end of the active end determines the actual lesion location under fluoroscopy.

Product code	Description	Type Generator
PMF20-100-10CB	20 GA, 100mm, 10mm Active Tip Radiopaque Curved Blunt Cannulae	All generators
PMF20-145-10CB	20 GA, 145mm, 10mm Active Tip Radiopaque Curved Blunt Cannulae	All generators



STRAIGHT BLUNT CANNULAE

The RADIOPAQUE* Cannula provides enhanced visualization during positioning, resulting in targeted treatment. The platinum band at the distal end of the active end determines the actual lesion location under fluoroscopy.

Product code	Description	Type Generator
PMF20-100-10B	20 GA, 100mm, 10mm Active Tip Radiopaque Straight Blunt Cannulae	All generators
PMC22-100-4B	22 GA, 100mm, 4mm Active Tip Straight Blunt Cannulae	All generators



PROBE KITS (MTO)

The probe kit consists of a autoclave case, a RF generator connector cable and a RF probe.

Product code	Description	Type Generator
PMK-16-100C	16 GA, 100mm Curved Probe Reusable Pain Mgmt Ki	All generators
PMK-18-100	18 GA, 100mm Straight Probe Reusable Pain Mgmt Kit	All generators
PMK-18-100C	18 GA, 100mm Curved Probe Reusable Pain Mgmt Kit	All generators
PMK-18-145	18 GA, 145mm Straight Probe Reusable Pain Mgmt Kit	All generators
PMK-18-145C	18 GA, 145mm Curved Probe Reusable Pain Mgmt Kit	All generators
PMK-20-100C	20 GA, 100mm Curved Probe Reusable Pain Mgmt Kit	All generators
PMK-20-100C	20 GA, 145mm Straight Probe Reusable Pain Mgmt Kit	All generators
PMK-20-145C	20 GA, 145mm Curved Probe Reusable Pain Mgmt Kit	All generators
PMK-21-100	21 GA, 100mm Straight Probe Reusable Pain Mgmt Kit	All generators
PMK-22-54	22 GA, 54mm Straight Probe Reusable Pain Mgmt Kit	All generators
PMK-22-54C	22 GA, 54mm Curved Probe Reusable Pain Mgmt Kit	All generators
PMK-22-100	22 GA, 100mm Straight Probe Reusable Pain Mgmt Kit	All generators
PMK-22-100C	22 GA, 100mm Curved Probe Reusable Pain Mgmt Kit	All generators



NITINOL PROBE KITS (MTO)

The Nitinol probe kit consists of a autoclave case, a RF generator connector cable and a RF probe.

Product code	Description	Type Generator
PMK-54-N	54mm Straight Nitinol Probe Reusable Pain Mgmt Kit	All generators
PMK-54C-N	54mm Curved Nitinol Probe Reusable Pain Mgmt Kit	All generators
PMK-60C-N	60mm Curved Nitinol Probe Reusable Pain Mgmt Kit	All generators
PMK-100-N	100mm Straight Nitinol Probe Reusable Pain Mgmt Kit	All generators
PMK-100C-N	100mm Curved Nitinol Probe Reusable Pain Mgmt Kit	All generators
PMK-145-N	145mm Straight Nitinol Probe Reusable Pain Mgmt Kit	All generators
PMK-145C-N	145mm Curved Nitinol Probe Reusable Pain Mgmt Kit	All generators
PMK-200-N	200mm Straight Nitinol Probe Reusable Pain Mgmt Kit	All generators



SPLIT DISPERSIVE ELECTRODE GROUNDING PAD

The Split Dispersive Electrode Grounding Pad is intended to safely return the electrical current from the patient back to the generator through a cord or cable.

Product code	Description	Type Generator
CRA-SGP	Split Dispersive Electrode Grounding Pad	CRG PMG



MULTI-COOLED RF THERAPY CABLE

The Multi-Cooled RF Therapy Cable enables placement of up to 4 lesions at once. It reduces procedure time to improve OR utilization. It also provides independent impedance monitoring of all 4 probes during placement and the intelligent pump logic automatically maps any cooled RF probe.

Product code	Description	Type Generator
SRX-CRG-MCRF	Multi-Cooled RF Therapy Cable	CRG Advanced



CRG ADVANCED

The Multi-RF Therapy Cable is used to attach the probe(s) to a RF generator.

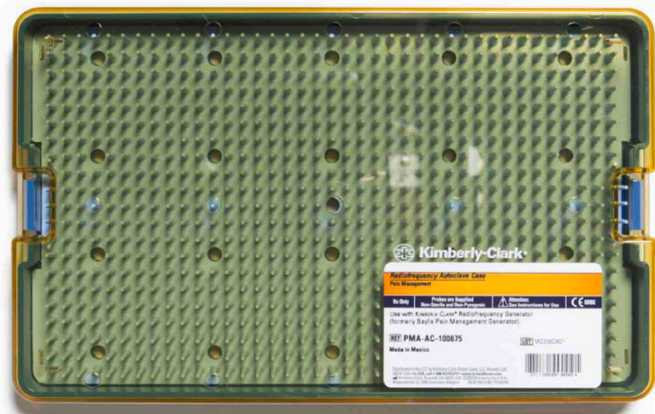
Product code	Description	Type Generator
SRX-CRG-MRF	Multi-RF Therapy Cable	CRG PMG



TRANSDISCAL 2.0 RF Y-CONNECTOR THERAPY CABLE

The TransDiscal 2.0 RF Y-Connector Therapy Cable is used to attach the probe(s) to a RF generator and is Equipped with three connectors/2 x 5-Pin Female RF Probe Connectors/ 1 x 14-Pin Male AVANOS* RF Generator Connector.

Product code	Description	Type Generator
TRX-CRG-TDP2	TransDiscal 2.0 RF Y-Connector Therapy Cable	CRG Advanced



AUTOCLAVE CASE

The autoclave case works on a principle of moist heat sterilization where steam under pressure is used to sterilize the material present inside the case.

Product code	Description
PMA-AC-100675	Autoclave Case



RF CONNECTOR CABLE

The cable is used to attach the Probe(s) to a RF Generator. It is equipped with three connectors/2 x 5-Pin Female RF Probe Connectors/ 1 x 14-Pin Male AVANOS* RF Generator Connector.

Product code	Description	Type Generator
PMX-BAY-BAY	RF Connector Cable	PMG V.4...



ADAPTER CABLE

The cable is used to attach the Probe(s) to a RF Generator. It is equipped with three connectors/2 x 5-Pin Female RF Probe Connectors/ 1 x 14-Pin Male AVANOS* RF Generator Connector.

Product code	Description	Type Generator
PMX-BAY-19-14	Adapter Cable	PMG V.4...



MULTI-RF CABLE

The cable is used to attach the Probe(s) to a RF Generator. It is equipped with three connectors/2 x 5-Pin Female RF Probe Connectors/ 1 x 14-Pin Male AVANOS* RF Generator Connector.

Product code	Description	Type Generator
PMX-BAY-MRF	Multi-RF Cable	PMG V.4...



COOLED RF CONNECTOR CABLE

The cable is used with the COOLIEF* Cooled RF Pain Management System. It is used to connect Cooled RF Probe to the generator Provides access to the Cooled RF mode in the generator Transmits RF energy from the generator to the probe Transmits signals from the temperature sensor in the probe to the generator.

Product code	Description	Type Generator
CRX-BAY-CRP	COOLED RF Connector cable	PMG V.4...



BIPOLAR ADAPTER

The adapter allows user to connect a second pain management RF probe for bipolar applications. For use with Pain Management RF Generator PMG-115 and PMG-115-TD. Allows user to connect a second pain management RF probe for bipolar applications.

Product code	Description	Type Generator
PMA-BP	Bipolar Adapter	PMG V.4...



RF GROUNDING PAD

The Grounding Pad is intended to safely return the electrical current from the patient back to the generator through a cord or cable.

Product code	Description	Type Generator
PMA-GP-BAY	RF Grounding Pad	PMG V.4...



EPSILON RULER

It is an open, circular, stainless steel ruler with a 10mm radius and 10mm central spoke length. It is used during the procedure to measure a safe distance between the sacral foramina and the electrode.

Product code	Description	Type Generator
SIA-E10	Epsilon Ruler (Radius: 10mm)	COOLED RF kits



RF WATER-COOLED TUBE KIT

The tube kit is used with the COOLIEF* Cooled RF Pain Management System. One tube kit is required for a procedure. It is used for circulation of sterile water through Cooled Radiofrequency systems for the purpose of cooling the electrode. The Pain Management Pump Unit pumps water through the tube kit. The Tube Kit comprises medical grade tubing and a burette that holds sterile water.

Product code	Description	Type Generator
TDA-TBK-1	RF Water-Cooled Tube kit	COOLED RF kits



PERISTALTIC PUMP CONNECTOR CABLE

This cable is used with the COOLIEF* Cooled RF Pain Management System. It is used to connect Peristaltic Pump to the generator.

Product code	Description	Type Generator
TDX-PMG-PPU	Peristaltic Pump Connector Cable	PMG V.4...



TRANSDISCAL* CONNECTOR CABLE

This cable is used with the RF Pain Management System. It is used to attach the Probe(s) to a RF Generator. The cable is equipped with three connectors/2 x 5-Pin Female RF Probe Connectors/ 1 x 14-Pin Male AVANOS* RF Generator Connector.

Product code	Description	Type Generator
TDX-Y-TSW-TDP2	TRANSDISCAL* Connector Cable	PMG V.4...



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