



DIROS
TECHNOLOGY INC

RF MEDICAL DEVICE ACCESSORIES CATALOGUE

RF TRIDENT™ CANNULAE

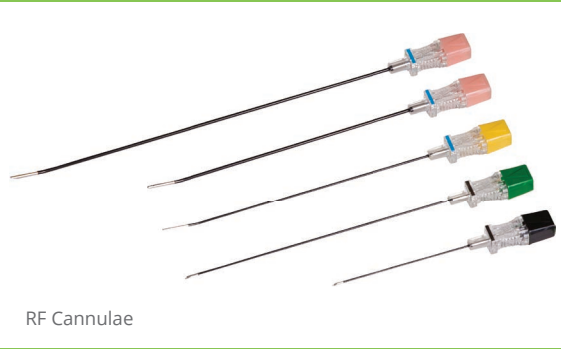


REVOLUTIONIZING THE WAY RF ABLATION IS PERFORMED:

- Quicker placement: perpendicular approach
- Larger focused lesion, minimizing collateral damage
- User can inject when tines are deployed or retracted
- Less X-ray exposure
- Small diameter cannula that produces a lesion with a large base
- Quicker patient recovery time
- Longer lasting pain relief

Diros OWL® RF Trident™ Cannulae are to be used with the corresponding length RF Probes and can be used with the Diros OWL® RF Probes re-useable or disposable.

DIROS PART NUMBER	GAUGE	TO BE USED WITH DIROS PROBE	BARE/ACTIVE TIP (MM)
DTR-018/54/5	18	5 cm	5 mm
DTR-018/100/5	18	10 cm	5 mm
DTR-018/150/5	18	15 cm	5 mm
DTR-018/200/5	18	20 cm	5 mm



RF Cannulae

RF CANNULAE

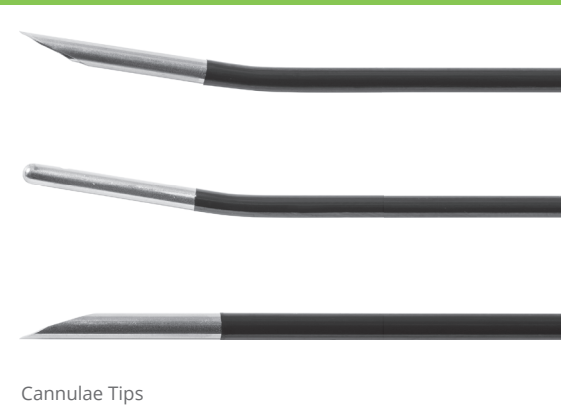
Diros OWL® RF Cannulae are manufactured using medical grade stainless steel and insulation creating a rigid and smooth cannula designed for ease of use and for accurate placement of the cannula bare tip.

Bare tip configurations: Sharp Straight, Sharp Curved, Blunt Curved, Blunt Straight.

The Disposable Diros OWL® RF Cannulae decrease costs, eliminate the possibility of cross-contamination, and are individually packaged/sterilized and offered in a box of 10 pieces.

Diros OWL® RF Cannulae are to be used with the corresponding length RF Probes, and can be used with either Diros OWL® RF Probes re-useable or disposable.

DIROS PART NO.	GAUGE	TIP CONFIGURATION	LENGTH (MM)	BARE/ACTIVE TIP (MM)
467-022/54/4	22	SHARP STRAIGHT	54 mm	4 mm
467-022/54/5-SC	22	SHARP CURVED	54 mm	5 mm
467-022/54/5-BC	22	BLUNT CURVED	54 mm	5 mm
467-022/54/10	22	SHARP STRAIGHT	54 mm	10 mm
467-022/54/10-SC	22	SHARP CURVED	54 mm	10 mm
466-021/50/4	21	SHARP STRAIGHT	50 mm	4 mm
466-020/54/5-SC	20	SHARP CURVED	54 mm	5 mm
466-020/54/10-SC	20	SHARP CURVED	54 mm	10 mm
466-018/54/10	18	SHARP STRAIGHT	54 mm	10 mm
467-022/100/2	22	SHARP STRAIGHT	100 mm	2 mm
467-022/100/2-SC	22	SHARP CURVED	100 mm	2 mm
467-022/100/5	22	SHARP STRAIGHT	100 mm	5 mm
467-022/100/5-SC	22	SHARP CURVED	100 mm	5 mm
467-022/100/5-BC	22	BLUNT CURVED	100 mm	5 mm
467-022/100/10	22	SHARP STRAIGHT	100 mm	10 mm
467-022/100/10-SC	22	SHARP CURVED	100 mm	10 mm
466-021/100/5	21	SHARP STRAIGHT	100 mm	5 mm
466-020/100/5	20	SHARP STRAIGHT	100 mm	5 mm
466-020/100/5-SC	20	SHARP CURVED	100 mm	5 mm
466-020/100/5-BC	20	BLUNT CURVED	100 mm	5 mm
466-020/100/10	20	SHARP STRAIGHT	100 mm	10 mm
466-020/100/10-SC	20	SHARP CURVED	100 mm	10 mm
466-020/100/10-BC	20	BLUNT CURVED	100 mm	10 mm
466-018/100/5	18	SHARP STRAIGHT	100 mm	5 mm
466-018/100/10	18	SHARP STRAIGHT	100 mm	10 mm
466-018/100/5-SC	18	SHARP CURVED	100 mm	5 mm
466-018/100/5-BC	18	BLUNT CURVED	100 mm	5 mm
466-018/100/10-SC	18	SHARP CURVED	100 mm	10 mm
466-018/100/15	18	SHARP STRAIGHT	100 mm	15 mm
466-016/100/6-SC	16	SHARP CURVED	100 mm	6 mm
466-016/100/10-SC	16	SHARP CURVED	100 mm	10 mm
467-022/150/5	22	SHARP STRAIGHT	145 mm	5 mm
467-022/150/10	22	SHARP STRAIGHT	145 mm	10 mm
467-022/150/10-SC	22	SHARP CURVED	145 mm	10 mm
466-020/150/5	20	SHARP STRAIGHT	145 mm	5 mm
466-020/150/5-SC	20	SHARP CURVED	145 mm	5 mm
466-020/150/10	20	SHARP STRAIGHT	145 mm	10 mm
466-020/150/10-SC	20	SHARP CURVED	145 mm	10 mm
466-020/150/10-BC	20	BLUNT CURVED	145 mm	10 mm
466-020/150/15	20	SHARP STRAIGHT	145 mm	15 mm
466-020/150/15-SC	20	SHARP CURVED	145 mm	15 mm
466-020/150/15-BC	20	BLUNT CURVED	145 mm	15 mm
466-018/150/10	18	SHARP STRAIGHT	145 mm	10 mm
466-018/150/10-SC	18	SHARP CURVED	145 mm	10 mm
466-016/150/6-SC	16	SHARP CURVED	145 mm	6 mm
466-016/150/10-SC	16	SHARP CURVED	145 mm	10 mm
466-020/200/5	20	SHARP STRAIGHT	175 mm	5 mm
466-020/200/10	20	SHARP STRAIGHT	175 mm	10 mm
466-020/200/10-SC	20	SHARP CURVED	175 mm	10 mm
466-020/200/20-SC	20	SHARP CURVED	175 mm	20 mm



Cannulae Tips

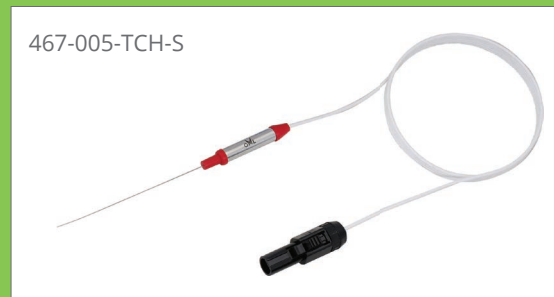
RF PROBES: RE-USEABLE

Diros OWL® Re-useable RF probes are designed for repeated use and autoclave sterilization. These probes are colour coded according to their length for ease of use: 5 cm (red), 10 cm (blue), 15 cm (yellow), and 20 cm (brown).

Re-useable Diros OWL® RF Probes can be purchased with an extension/adaptor cable or an 8 ft long attached cable that will plug directly into the Diros OWL® MLA-4 Multilesion adapter.

DIROS PART NO.	DESCRIPTION
467-005-TCH-S	FACET DENERVATION R.F. PROBE/ TEMPERATURE SENSOR (5CM) TCH
467-010-TCH-S	FACET DENERVATION R.F. PROBE/ TEMPERATURE SENSOR (10CM) TCH
466-015-TCH-S	FACET DENERVATION R.F. PROBE/ TEMPERATURE SENSOR (15CM) TCH
466-020-TCH-S	FACET DENERVATION R.F. PROBE/ TEMPERATURE SENSOR (20CM) TCH

466-PB3-S	AUTOCLAVE CASE
466-PB4-S	LARGE AUTOCLAVE CASE TO BE USED WITH 466-020-TCH-S



RF PROBES: DISPOSABLE

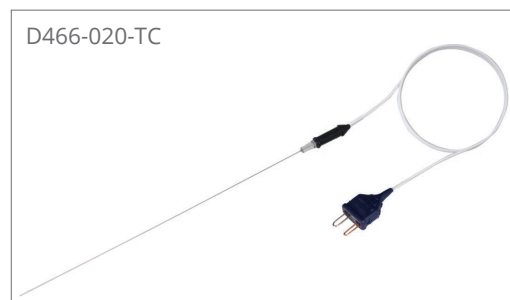
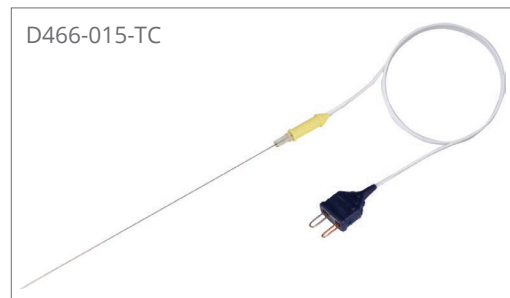
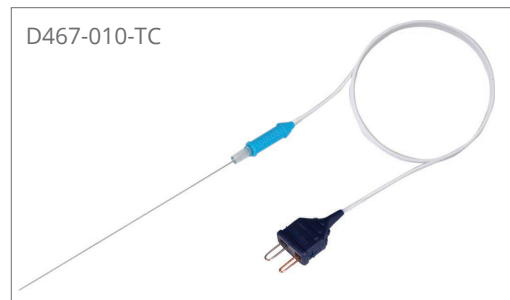
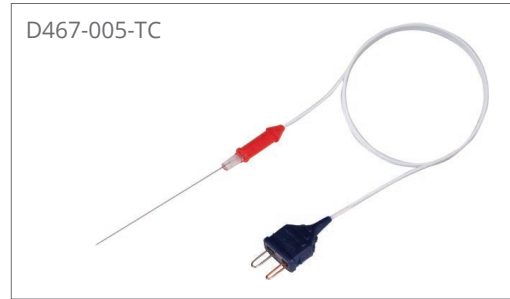
Diros OWL® Disposable RF probes are designed for ease of use, to eliminate sterilization time and costs, and to eliminate the possibility of cross-contamination.

Disposable RF probes are individually packaged/sterilized and offered in a box of 10 pieces.

Colour coded according to length for ease of use: 5 cm (red), 10 cm (blue), 15 cm (yellow), and 20cm (brown or black).

These RF probes have a 4 foot cable attached to the probe which allows for the connector to be outside the sterile zone and attach to an intermediate adaptor cable in order to connect to the RF Lesion Generator.

DIROS PART NO.	DESCRIPTION
D467-005-TC	FACET DENERVATION R.F. PROBE/ TEMPERATURE SENSOR FOR 5 CM CANNULA (THERMOCOUPLE)
D467-010-TC	FACET DENERVATION R.F. PROBE/ TEMPERATURE SENSOR FOR 10 CM CANNULA (THERMOCOUPLE)
D466-015-TC	FACET DENERVATION R.F. PROBE/ TEMPERATURE SENSOR FOR 15 CM CANNULA (THERMOCOUPLE)
D466-020-TC	FACET DENERVATION R.F. PROBE/ TEMPERATURE SENSOR FOR 20 CM CANNULA (THERMOCOUPLE)





RF HYBRID CANNULAE

Diros OWL® RF Hybrid Cannulae (Patent Awarded and Patents Pending) comprise a RF Cannula, a temperature sensor, and long flexible tubing connected to an injection port all in one. A Hybrid Cannula ensures the temperature sensor is always at the bare tip of the cannulae and reduces the possibility of movement during injection. With the conventional RF cannulae the RF probe must be removed from the cannula to allow fluid injection prior to lesion making, then reinserted before the lesion is made. This feature also decreases procedure time and ultimately provides the user with the most accurately positioned, and therefore best possible lesion.

Bare tip configurations: Sharp Straight, Sharp Curved, Blunt Curved, Blunt Straight.

The Diros OWL® RF Hybrid Cannulae decrease costs, eliminate the possibility of cross-contamination, and are individually packaged/sterilized and offered in a box of 10 pieces.

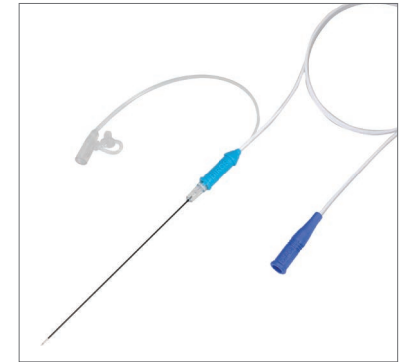
View chart on the right for common Hybrid Cannulae configurations. If you require a configuration that you do not see below, please feel free to contact us.

DIROS PART NO.	GAUGE	LENGTH (MM)	BARE/ ACTIVE TIP (MM)	TIP CONFIGURATION
DHC-022/54/4	22	54	4	SHARP STRAIGHT
DHC-022/60/5	22	60	5	SHARP STRAIGHT
DHC-022/100/5	22	100	5	SHARP STRAIGHT
DHC-022/100/10	22	100	10	SHARP STRAIGHT
DHC-022/100/10-SC	22	100	10	SHARP CURVED
DHC-020/100/5	20	100	5	SHARP STRAIGHT
DHC-020/100/10-SC	20	100	10	SHARP CURVED
DHC-020/100/5-BC	20	100	5	BLUNT CURVED
DHC-020/100/10-BC	20	100	10	BLUNT CURVED
DHC-020/150/5	20	150	5	SHARP STRAIGHT
DHC-020/150/10	20	150	10	SHARP STRAIGHT
DHC-020/150/10-SC	20	150	10	SHARP CURVED
DHC-020/150/10-BC	20	150	10	BLUNT CURVED
DHC-018/100/10	18	100	10	SHARP STRAIGHT
DHC-018/100/10-SC	18	100	10	SHARP CURVED
DHC-018/150/10	18	150	10	SHARP STRAIGHT
DHC-018/150/10-SC	18	150	10	SHARP CURVED

DXE CANNULAE

Diros OWL® DXE Cannulae are used for non-temperature controlled radiofrequency lesion procedures. The operator uses the RF OUTPUT CONTROL rotary knob and voltage readings to determine the lesion created or PRF delivered to the patient.

DIROS PART NUMBER	GAUGE	TIP CONFIGURATION	LENGTH (MM)	BARE/ACTIVE TIP (MM)
DXE-023/60/5	23	SHARP STRAIGHT	60 mm	5 mm
DXE-023/100/5	23	SHARP STRAIGHT	100 mm	5 mm
DXE-022/100/5	22	SHARP STRAIGHT	100 mm	5 mm
DXE-023/150/5	23	SHARP STRAIGHT	150 mm	5 mm
DXE-022/150/5	22	SHARP STRAIGHT	150 mm	5 mm



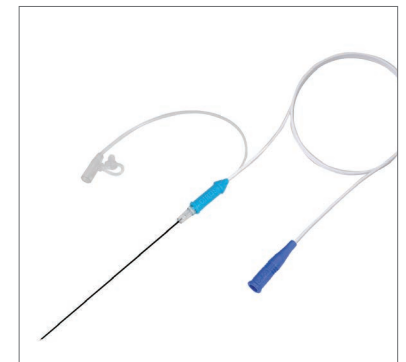
Tip



DST CANNULAE

Diros OWL® DST Cannulae are used for precise stimulation and injection.

DIROS PART NUMBER	GAUGE	TIP CONFIGURATION	LENGTH (MM)	BARE/ACTIVE TIP (MM)
DST-023/60	23	SHARP STRAIGHT	60 mm	1 mm
DST-023/100	23	SHARP STRAIGHT	100 mm	1 mm
DST-023/150	23	SHARP STRAIGHT	150 mm	1 mm



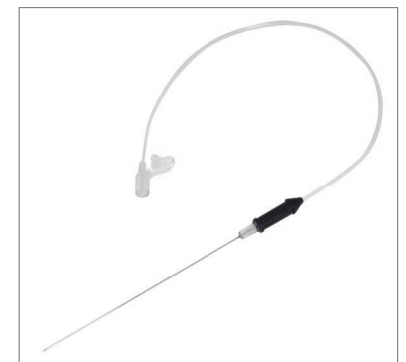
Tip



DRC INJECTION CANNULAE

Diros OWL® DRC Injection Cannulae are used for injection blocks such as for medial branches of posterior primary rami and other injection procedures.

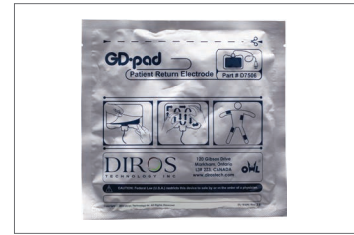
DIROS PART NUMBER	GAUGE	TIP CONFIGURATION	LENGTH (MM)
DRC-023/60	23	SHARP STRAIGHT	60 mm
DRC-022/60	22	SHARP STRAIGHT	60 mm
DRC-023/100	23	SHARP STRAIGHT	100 mm
DRC-022/100	22	SHARP STRAIGHT	100 mm
DRC-022/150	22	SHARP STRAIGHT	150 mm



Tip



GD-PAD: CORDED



The Diros OWL® GD-pad Corded is a disposable dispersive return path electrode. GD-pads corded are individually packaged and have a 10 foot long cord attached for plugging directly into the Diros OWL® URF-3AP RF Generator.

D7506	OWL® GD-PAD PATIENT RETURN ELECTRODE (CORDED) *Note: Item sold in boxes (Quantity: 50/box, 1/pouch)
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GD-PAD: NON-CORDED



The Diros OWL® GD-pad Non-corded is a disposable dispersive return path electrode that connects to an RF Generator via a re-useable intermediate cable with clamp. GD-pads non-corded are packaged in a resealable ziplock pouch consisting of 5 pieces in each pouch.

D7506NC	OWL® GD-PAD PATIENT RETURN ELECTRODE (NON-CORDED) *Note: Item sold in boxes (Quantity: 250/box, 5/pouch)
3AP-CL	CABLE FOR URF-3AP WITH CLAMP TO DIROS OWL® GD-PAD, NON-CORDED

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