

# MiFusion®

THERMAL LIGATING TECHNOLOGY

## Where Efficiency & Functionality Fuse.

### What We Do

MiFusion employs a patented Thermal Fusion technology that simultaneously fuses and divides soft tissue with only direct heat and pressure, minimizing collateral damage. Effective, reliable and versatile, Microline's products are used worldwide for a variety of procedures across a multitude of specialties.

### Thermal Fusion Technology

#### How it Works

In order to fuse and divide soft tissue, protein bonds must be denatured. While other technologies pass energy through the tissue to create heat, Microline's Thermal Fusion achieves denaturation solely through the application of direct heat and pressure.

#### Simultaneously Fuses & Divides Tissue

A resistive heating element in the jaw of the device heats only the tissue in contact with it. A low-temperature coagulating zone fuses the tissue while an extremely narrow high-temperature zone divides the tissue simultaneously.




### MiFusion Advantages

Extensive surgeon input has resulted in an unparalleled surgical system with the following benefits:

- **Safety** - No electrical or ultrasonic energy is required to pass through the patient
- **Ease of Use** - Intuitive and simple, surgeons quickly become proficient
- **Versatility** - Can be used as a grasper or dissector and to fuse and divide tissue, minimizing instrument exchange
- **Constant Visibility** - Minimal smoke and water vapor
- **Expedited Procedures** - Simple set-up and operation saves valuable OR and procedure time
- **Comfort** - Our ergonomic designs ensure control and precision
- **Audible Tones** - Low and high tones help to differentiate between coagulation and cutting



# MiFusion<sup>®</sup> THERMAL LIGATING TECHNOLOGY

PRODUCT TYPE	NAME	MODEL #
<b>MiFusion<sup>®</sup> Forceps</b> (includes power cord)		
	CardioForceps	100-006D
	ENTceps <sup>®</sup>	110-005D
	MicroCeps <sup>®</sup>	100-008D

<b>MiFusion<sup>®</sup> Thermal Ligating Shears</b> (includes power cord)		
	TLS <sup>2</sup> 35 cm	132-131D
	TLS <sup>3</sup> 35 cm	132-136D
	TLS <sup>3</sup> 23 cm	132-135D
	TLS <sup>3</sup> 14 cm	132-134D

<b>Additional Products</b>		
	Universal Power Supply (UPS)	200-006R
	PowerPack Dual Control Footswitch	309-004R (sold separately)



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**Important:** Prior to use, refer to Instructions for Use supplied with this device for indications, contraindications, adverse events, suggested procedures, warnings and precautions for full product information.  
**Caution:** Federal (USA) law restricts this device to sale by or on the order of a Physician.