

Intelliguide CO₂ Laser System

The Intelliguide CO₂ Laser System combines OmniGuide's Enhanced Safety Fibers with specialty-specific instrumentation to offer a complete advanced CO₂ energy platform. The system features multiple modes of operation including Continuous Wave, Single Pulse, and Repeat Pulse in both SuperPulse and non-SuperPulse modes. Throughout the procedure, the system maintains a controlled flow of helium through the hollow core laser fiber, keeping the core cool and ensuring the surgical field is kept clear of blood, smoke and other fluids. The Intelliguide automates and simplifies key laser operations, promoting efficiency and safety.



Intelliguide CO₂ Laser System Highlights

- ▼ Two modes of operation: Continuous wave and SuperPulse
- ▼ Three exposure modes: Continuous, Single pulse and Repeat pulse
- ▼ Intuitive and easy-to-use touch screen interface
- ▼ Programmable settings for simplicity in system set up and operation
- ▼ Automated control of cooling helium flow throughout the procedure

VELOCITY™
HIGH PERFORMANCE FIBER
E N A B L E D

Now featuring 30W capabilities with the
VELOCITY™ High Performance Fiber.
Ask your OmniGuide Sales Representative for more details.



There are three main components of the Intelliguide system:

FIBER ENABLED LASER

Footswitch actuated, the laser system enables delivery of CO₂ laser energy with power levels ranging up to 30 watts* in Continuous Pulse and SuperPulse operation modes.

FIBERS

OmniGuide's Enhanced Safety Fibers connect directly to the Intelliguide laser system and have a hollow core through which CO₂ laser energy and inert cooling gas propagate. The fibers can be used either with a handpiece, or through a rigid or flexible endoscope, to enable access to difficult-to-reach anatomy.

HANDPIECES

Handpiece options are optimized for specific surgical procedures. They are designed to provide the surgeon with control over the fiber's delivery of CO₂ laser energy while maintaining good visibility of target tissue.

The Intelliguide system is equipped with various accessories to meet your needs including custom-made sterile laser drapes, gas filter units, and laser safety glasses.

*Please see OmniGuide fiber product insert.



FELS-25A SPECIFICATIONS

Type of Laser	CO ₂ , RF excited, air cooled with quiet fans
Wavelength	10.6 μ m
Transmission System	Fiber
Laser Exposure Modes	CW: 1-30W, Single Pulse - 40ms-500ms, Repeat Pulse with Ontime 40ms-500ms SuperPulse: 1-10W, Single Pulse - 40ms-500ms, Repeat Pulse with Ontime 40ms-500ms
Spot size and divergence at the tip	See fiber product insert
Control panel	Intuitive, full color touch screen with 360° articulation, integrated gas management and surgeon presets
Laser dimensions / weight	13.5"H x 20.3"W x 20.8"D (34.3 x 51.6 x 52.8cm) / 69 lb (31.3 Kg)
Laser cart dimensions / weight	39"H x 22.5"W x 24.5"D (99.1 x 57.2 x 62.2 cm) / 65 lb, (29.5 Kg) (does not include gas tanks)
Electrical	110VAC, 10A, 50 or 60 Hz (220V, 5A, 50 or 60 Hz)

To learn more about our full suite of advanced energy products, please visit www.omni-guide.com

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