All to brighten the world FURUKAWA ELECTRIC

Laser Systems & Optical Fiber Probes

Integrated laser systems and optical fiber probes deliver stable, high-quality light to target lesions, supporting advanced therapeutic applications.

Laser Systems

Key Features

- **Multi-Wavelength Platform**
- **CW and Pulsed Operation Modes**
- **Integrated Monitoring and Safety Functions**



Standard Model

Parameter	Standard Model	Compact Model
Number of LD Channels	Up to 4	Up to 2
Dimensions (W × D × H mm)	384 × 424 × 207	250 × 300 × 123.5
Wavelength	Visible / NIR	
Maximum Output Power	Up to 100 mW – 20 W*1	
Fiber Connector	FC, SMA, or SC available	
User Interface	Touch Panel	
Power Supply	AC100-240V	

*1 Depends on wavelength configuration.

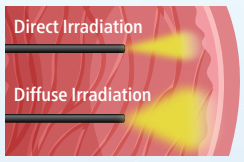
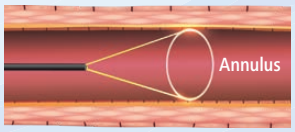
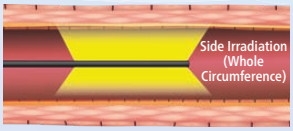
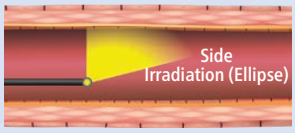
Applications

- Laser Ablation
- Photodynamic Therapy (PDT)
- Endovenous Laser Treatment (EVLT)

Optical Fiber Probes

Key Features

- **Complete Solution from Laser Generation to Light Delivery**
- **Customizable Irradiation Patterns Through Advanced Tip Processing**
- **Available in Various Fiber Materials and Core Diameters**
- **Optimized for Specific Medical Applications**

Processing Methods	Irradiation Methods	Processing Methods	Irradiation Methods
Flat Surface Polishing Spherical Processing		Conical Machining	
Textured Surface Processing		Bend Processing	
Prism Processing		Lens Processing	

FURUKAWA ELECTRIC CO., LTD.

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Life Science Department
Social Design & New Business Development Department
New Business Development Division
Contact : fec.ls-contact@furukawaelectric.com

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