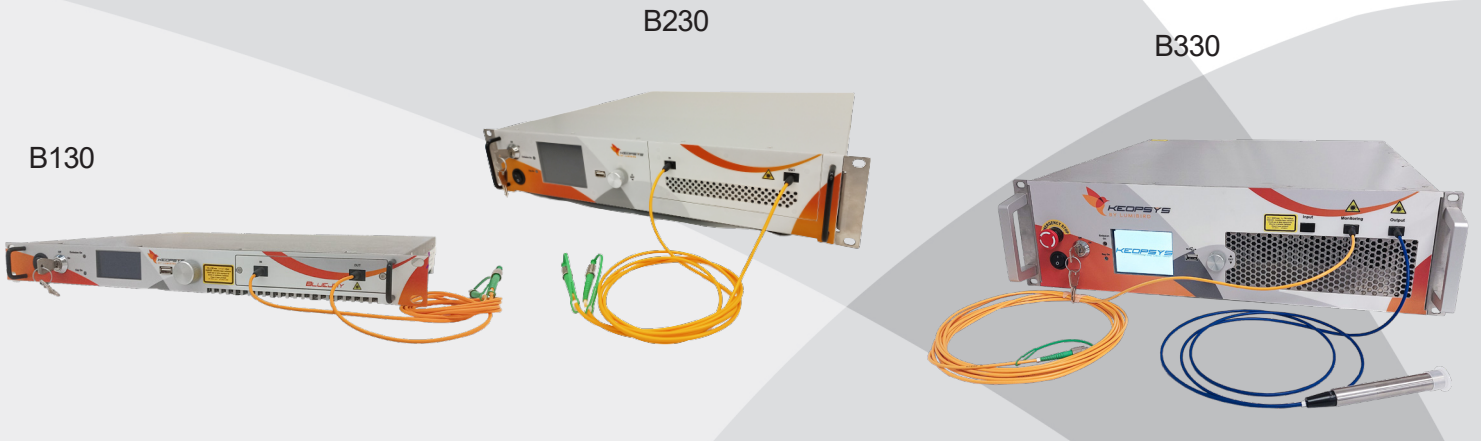


CRFL

CW Raman Fiber Laser



MAIN FEATURES

- High output power up to 20 W
- 1450, 1455, 1480 nm standard wavelengths
- Unpolarized output light
- Benchtop available
- Maintenance free

MAIN APPLICATIONS

- OPTICAL PUMPING
- COMPONENT TESTING
- ILLUMINATION
- EDFA PUMPING
- DATA TRANSMISSION

“

The CRFL series are Raman fiber lasers delivering up to 20 W at 1450, 1455 or 1480 nm. Other wavelengths are available on request.

These Raman fiber lasers can be used for a wide range of applications, from optical pumping and component testing to data transmission and EDFA pumping.

They are available in turnkey benchtops that allow the laser to be controlled via the front panel or remotely via serial USB and Ethernet ports. These benchtops offer robustness and reliability.

”

V2-0- Lumibird reserves the right to modify the specifications without prior notice. Photos are not contractual.

www.keopsys.com

Many options and configurations are available. Please contact Lumibird to find the best match for your needs and compatibility between options.



Lumibird has locations across the globe that are available to provide support for any product, service or inquiry. Visit www.lumibird.com to connect with any of our global sites.

CRFL

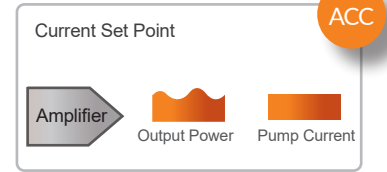
CW Raman Fiber Laser



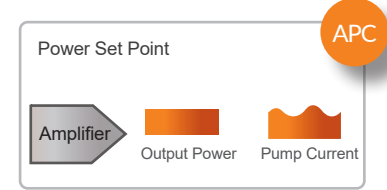
SPECIFICATIONS

	CRFL
Mode of operation	CW
Output power (W)	From 2 to 20
Operating wavelength (nm)	1450, 1455 or 1480
Linewidth (nm)	< 2 (up to 5 W) and < 3 (from 10 to 20 W)
In-band power (%)	> 80
Side-mode suppression over 1000-1400 (dB)	> 13
Polarization	Random
Control mode	ACC and APC (optional)
Fiber type	SMF28 or equivalent
Output termination	FC/APC or collimator
Beam quality, M ²	< 1.1

Mode of operation

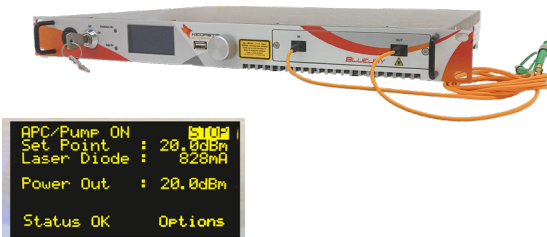


ACC (Automatic Current Control)



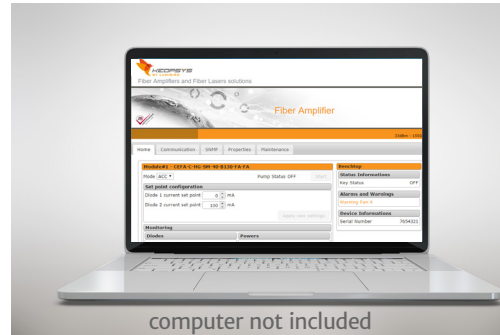
APC (Automatic Power Control)

EASY TO USE !



Front panel control

- User-friendly and turnkey benchtop
- Dial and front panel display for easy control and monitoring of the product



Remote control

- USB port
- Web server, Telnet, SSH protocols
- GUI available (option)

Reliability



All our fiber lasers and fiber amplifiers are manufactured according to our ISO certified quality management system, which places the needs and values of customers and partners at the heart of our organization. Throughout the manufacturing process, our components and systems are subjected to rigorous tests and inspections, which guarantees their robustness and reliability in the most demanding environments. Countless units operate continuously without maintenance around the world. The ISO 9001 certificates can be downloaded from our website.



LASER RADIATION
AVOID EYE OR SKIN EXPOSURE TO
DIRECT OR SCATTERED RADIATION
CLASS 4 LASER PRODUCT

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