

GV-442

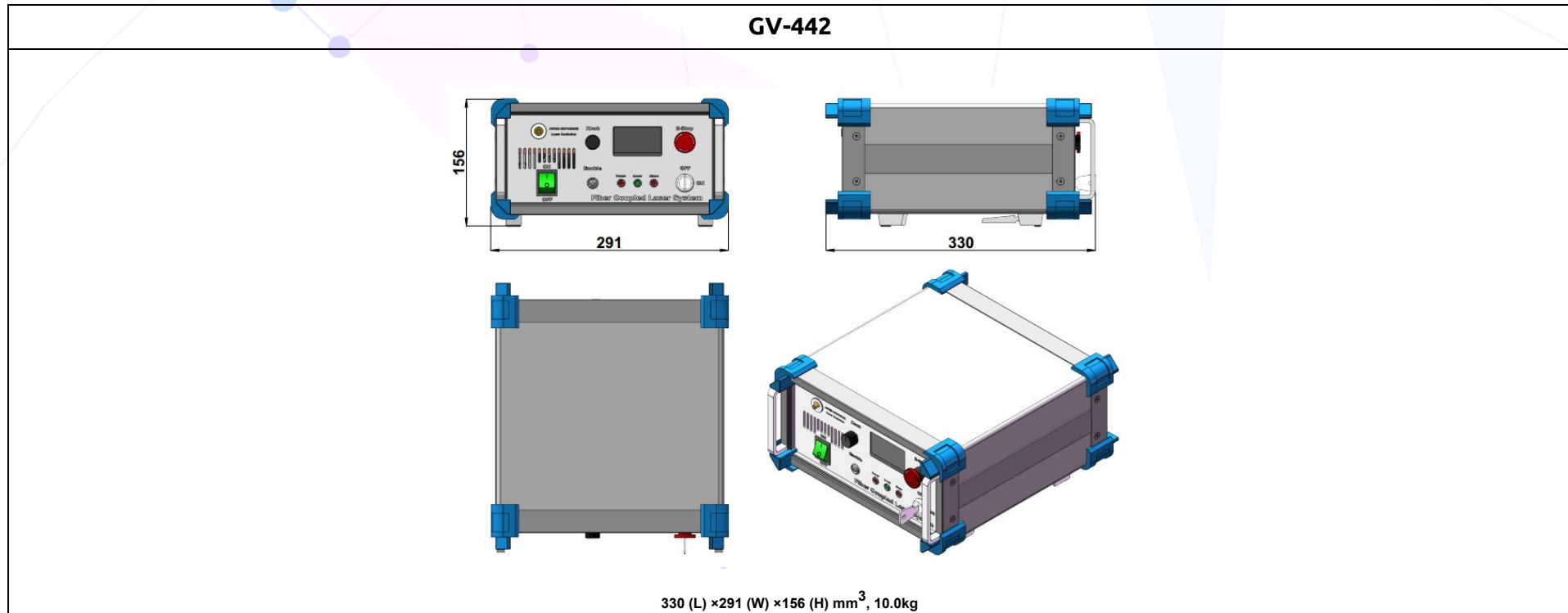
FIBER COUPLED LASER SYSTEM

AT 442nm



Wavelength (nm)	442±5
Operating mode	CW
Output power after fiber (W)	>1, 2, 3, ..., 20
Power stability (rms, over 4 hours)	<3%, <2%, <1%
Fiber Core Diameter (µm)	400/ 200 (MM fiber, other fiber core diameter are available on request)
Fiber NA	0.22
Fiber Connector	SMA905
Fiber Length (m)	1 (Other lengths are available on request)
Warm-up time (minutes)	<5
Operating temperature (°C)	10~35
Input power	100-240VAC
Modulation optional	TTL on/off, 1Hz-1kHz, 1kHz-10kHz, 10kHz-30kHz; and Analog modulation optional
Cooling way	By air
Expected lifetime (hours)	10000
Warranty	1 year

The system integrates a laser, fiber-coupled optics, a laser power supply, and temperature control into a single housing. It is widely used in medical, biomedical, and industrial applications.



Note:
Specifications subject to change without notice.