

# BeLL 532-1 kHz

DPSS Nd:YAG Q-switched laser

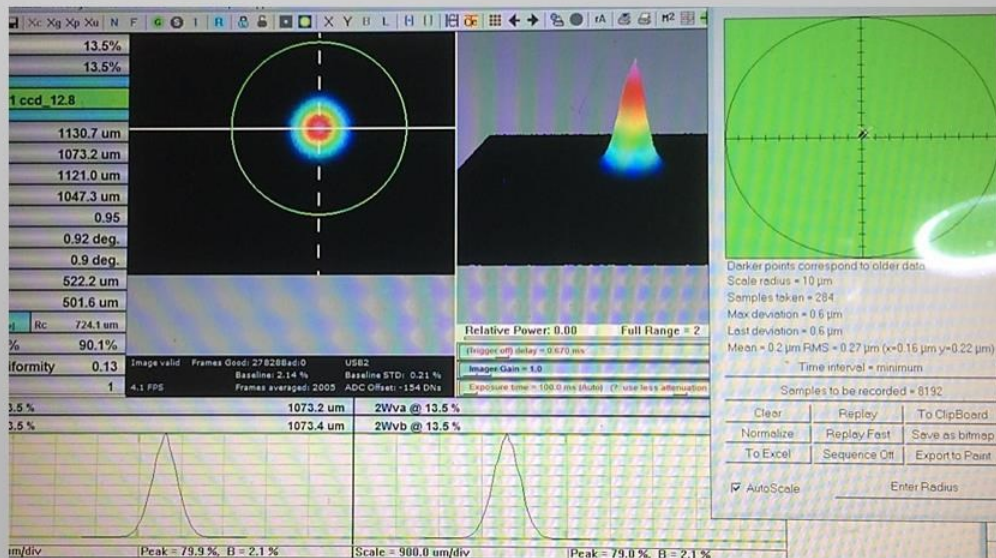


# BeLL 532-1kHz

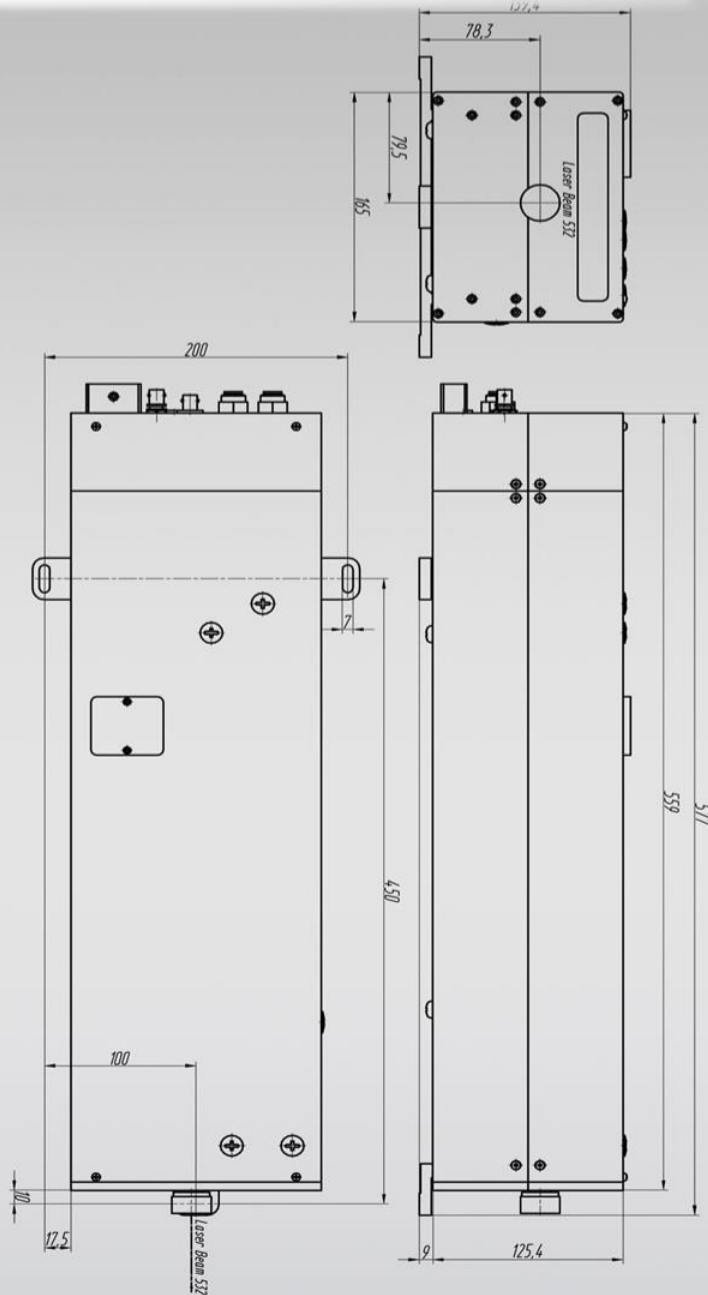


- High stability and durability of output parameters is provided by special temperature control of nonlinear crystal and by the special design of the resonator
- Compact and rigid mechanical design
- Perfect beam quality
- Long life-time of pump source
- Thermo stabilization of SH crystal

Laser type	DPSS (water cooled)
Wavelength	532 nm
Output Energy	
1 kHz	6.5 mJ
2 kHz	5.5 mJ
3 kHz	4.5 mJ
4 kHz	4.0 mJ
Mode	TEM00
Repetition rate,	1 – 4 kHz
Pulse width	25 – 40 nsec
Beam diameter	1.2 mm
Beam divergence	1.8 mrad
Polarization	Linear, Horizontal
Stability (8h)	2.4 % RMS



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## Dimensions and Electrical Specifications

Laser head	70mm(W) x 140mm(H) x 580(L)
Power supply	482mm(W) x 80mm(H) x 280(L)
RF-driver	482mm(W) x 80mm(H) x 280(L)
Cooling	Chiller (recirculating water 50 psi minimum)
Electrical	100 - 250 VAC, 8 A, 50-60 Hz
Operating temp	18-30°C