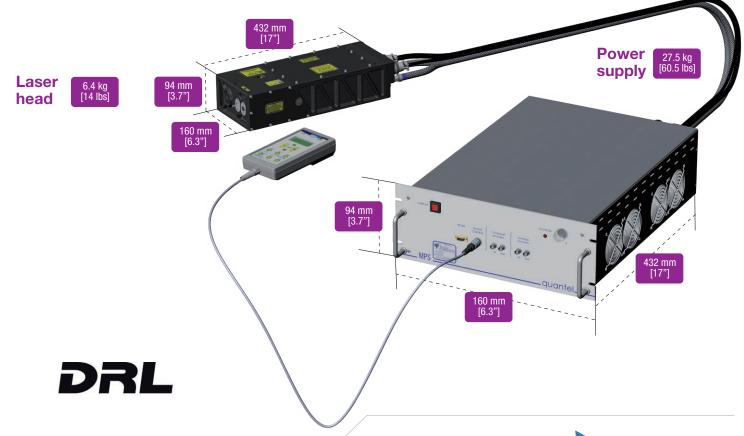
DRL High repetition rate

Flashlamp pumped pulsed solid state laser

- IR and green versions available
- Compact laser head design for easy integration
- Sealed head design for operation in various environments
- Fixed repetition rate models from 100 to 200 Hz
- With pulse energies from 200 to 100 mJ @ 1064 nm







Specifications

Model	DRL100-200-S-λλλλ	DRL150-150-S-λλλλ	DRL200-100-S-λλλλ
REPETITION RATE [Hz]	100	150	200
PULSE ENERGY [mJ]			
1064 nm	200	150	100
532 nm	100	75	50
PULSE WIDTH [ns]			
1064 nm	< 15		
532 nm	< 15		
ENERGY STABILITY [% rms]			
1064 nm	< 2		
532 nm		< 3	
BEAM DIAMETER [mm]			
1064 nm	< 5		
532 nm		< 5	
DIVERGENCE [mrad]			
1064 nm	< 7		
532 nm		< 6	

TRANSVERSE MODE	Multiple	
RESONATOR CONFIGURATION	Stable	
POLARIZATION DIRECTION		
1064 nm	V	
532 nm	V	
SPECTRAL PURITY		
532 nm	> 98 %	
POWER	3 phase 200 - 240 VAC, 50/60 Hz	
COMPUTER INTERFACE	RS232	
OPERATING TEMPERATURE [°C]	10 - 30	
STORAGE TEMPERATURE [°C]	5 - 50	
CABLE LENGTH	3 m [10 ft]	

Chiller (100 and 150 Hz)

DIMENSIONS	376 x 622 x 673 mm [14.8 x 24.5 x 26.5 inch]	
WEIGHT	75 kg [166 lbs]	
POWER	208/230 VAC, single phase, 10 A	
Chiller (200 Hz)		
DIMENSIONS	544 x 706 x 810 mm [21.4 x 27.8 x 31.9 inch]	
WEIGHT	123 kg [270 lbs]	
POWER	208/230 VAC, single phase, 18 A	
HOSES	10 m [33 ft]	

Water-to-water cooling available as an option



