

NEW 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



Laser head 6.4 kg [14 lbs]

94 mm [3.7"]

160 mm [6.3"]

432 mm [17"]

Power supply 27.5 kg [60.5 lbs]

94 mm [3.7"]

160 mm [6.3"]

432 mm [17"]

DRL
BIG SKY LASER SERIES.

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	< 15	< 15
532 nm	< 15	< 15	< 15
ENERGY STABILITY [% rms]			
1064 nm	< 1	< 1	< 1
532 nm	< 2	< 2	< 2
BEAM DIAMETER [mm]			
1064 nm	< 5	< 5	< 5
532 nm	< 5	< 5	< 5

TRANSVERSE MODE	Multiple
RESONATOR CONFIGURATION	Stable
POLARIZATION DIRECTION	
1064 nm	H
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]
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Quantel - France
2 bis, avenue du Pacifique
Z.A. de Courtaboeuf - BP 23
91941 Les Ulis Cedex - France
Tel. +33 (0)1 69 29 17 00

Quantel - USA
601 Haggerty Lane
Bozeman, MT 59715 - USA
Tel. +1 406 586 0131 / 1 877 QUANTEL

Quantel - GmbH
Worringer Str. 30
50668 Köln – Germany
Tel. +49 (0) 221 / 677856750