



## DL SERIES DYE LASERS



DL series dye lasers convert the output of Elforlight pulse lasers to other useful wavelengths, whilst maintaining the benefits of short pulses and high repetition rates. The self-contained dye reservoir and pump enable operation for several weeks on one dye fill. Options of broad and narrow (15 to <1nm) wavelength bandwidth are available.

Model Name	DL-10-5	DL-1-50
Maximum Pulse Energy	> 5 $\mu$ J	> 50 $\mu$ J
Minimum Pulse Width	< 2ns	< 5ns
Repetition Rate	Single shot to > 10kHz	Single shot to > 1kHz
Jitter	< +/- 1ns from external trigger input (typ.0.5ns)	
Wavelength	In range 560 – 610nm (Other dyes/wavelengths available)	
Beam Diameter	~ 1mm	
Line Width	~4nm	
Dye Head Size	270mm long x 122mm x 60mm	
Dye Used	Pyrromethene 597	



### 脉动科技有限公司

中国代理商

北京总部 地址：海淀区中关村东路89号 恒兴大厦9C, 100190 电话：010-62565117 010-84413925 传真：010-62565117-11 邮箱：info@pulsepower.cn 官网：www.pulsepower.cn

上海办事处 021-32070812 西安办事处 029-87307077 深圳办事处 0755-27528760

Elforlight Ltd, 4b Brunel Close, Daventry, Northants NN11 8RB, UK

Tel +44(0)1327 300069 | Fax +44(0)1327 300076

Web: [www.elforlight.com](http://www.elforlight.com) | Email: [info@elforlight.com](mailto:info@elforlight.com)