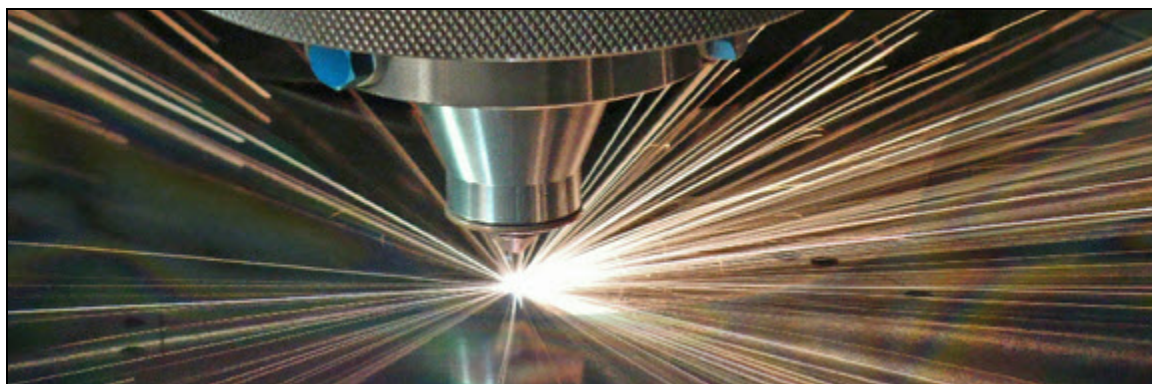


ILR series industrial Nd:YAG lasers



The ILR series of laser welders offers a flexible solution to your laser needs. Applications include sealing medical or electronics packages, mould repair, turbine component welding, and heat treatments such as laser hardening. The three basic models offer a range of outputs to suit most needs.

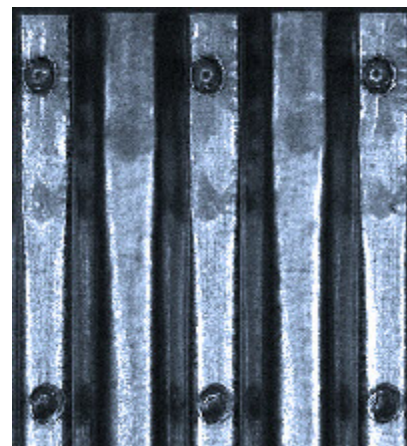
The ILR series compact power supply units are also fully configurable - simply choose the required flashlamp drivers, cooler unit, and control unit and connect to your PC. InnoLas' intuitive software gives complete control of the laser via the PC, or optional touch screen or handheld controllers. The latest camera technology gives crystal clear through-the-lens viewing of the workpiece, integrated directly into the control software. Interfacing to your control system is straightforward and reliable.

Model	ILR662W	ILR692W	ILR664W
max. mean power (W)	350	500	700
max. peak power (kW)	8	12	16
max. pulse energy (J)	40	65	80
beam quality (mm.mrad)	32	48	32
pulse repetition rate (Hz)	0 - 500		
pulse length (ms)	0.1 - 20		
laser head dimensions (mm) H x W x L	155x175x925		155x175x1550 or 155x350x925
power supply dimensions (mm) H x W x D	1200x570x800		1700x570x800
cooling requirement (kW)	12		20
electrical requirements	380-415 VAC 3P+N+E 50-60Hz 32A		

Laser equipment for science & industry

InnoLas UK Ltd is a UK-based manufacturer of solid-state lasers and accessories for industrial and scientific users. With a portfolio of applications ranging from drilling, cutting and welding a huge variety of metal and other materials through to holography, optical damage measurements and plasma diagnostics, we aim to provide each user with a tailored solution to their needs.

InnoLas products are based around flashlamp pumped solid-state laser technology. Our modular design approach enables highly specialised solutions to be quickly and reliably developed using well-proven sub-assemblies and robust mechanical structures.



Support

At InnoLas, we don't just sell machines - we keep them running around the clock, so you can keep working. As well as breakdown callouts, our experienced service team carry out Preventative Maintenance visits which help keep your machines in optimum condition. We offer fully traceable calibration of laser power meters, a requirement of many modern manufacturing standards.



InnoLas (UK) Ltd
 67 Somers Road
 Rugby
 Warwickshire
 England
 CV22 7DG

Tel: +44 1788 550777
 Fax: +44 1788 550888

Email: sales@innolas.co.uk

