



Fire*Bird* Range

Welding illumination system



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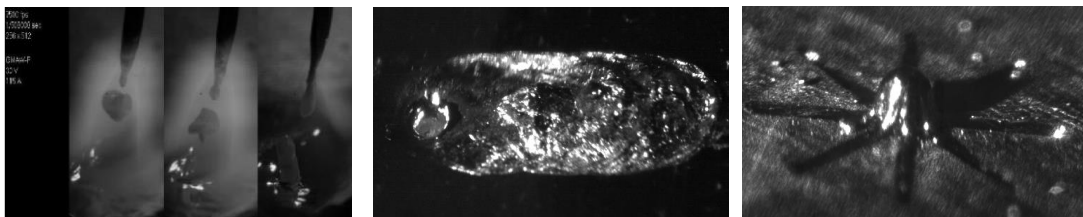
High-powered laser light source designed specifically for weld viewing and volume illumination. High-speed or high-temperature events imaging made easy.

See more of what's happening in your welding system with a high power FireBIRD LLG or FireBIRD AI



VISIBLE AND INVISIBLE LASER RADIATION
AVOID EYE OR SKIN EXPOSURE TO DIRECT OR
SCATTERED RADIATION
CLASS 4 LASER PRODUCT

Integrated adjustable optics allow you to easily adjust your illumination to match the camera field of view



Illumination options –

FireBIRD AI – Direct illumination, large area

FireBIRD LLG – Flexible delivery – Small area

Simple and ease set up.

Very high power output for bright subject illumination.

High repetition rate to keep up with fast events.

Trigger easily from any camera; high speed or low speed.

Fully sealed, air cooled laser head.

Connect to any camera

SPECIFICATIONS

Power:	1000W at diode
Wavelength:	808nm
Internal /	
External trigger	50kHz (depending on model)
Pulse Duration:	100ns - 100µs (1% duty cycle limit)
Triggered Burst:	1.60MHz for up to 254 pulses
Trigger Modes:	Internal, external, rising/falling edge, f/2, video, adjustable trigger delay 0-9999µs

Compact Dimensions

Head:	230mm x 150mm x 150mm
Controller:	270mm x 200mm x 65mm
Cable Length	5m as standard (other lengths available upon request)



010-80414615



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