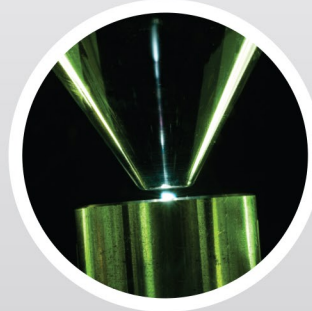
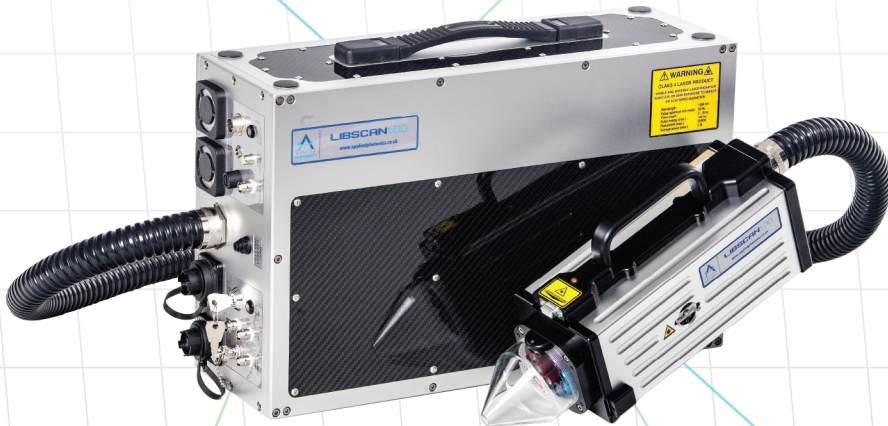


APPLIED PHOTONICS

LASER SPECTROSCOPY SOLUTIONS

Innovators in
LIBS technology

Proven solutions in
the field of LIBS
since 1998



- ▲ Specialists in LIBS technology
- ▲ Modular LIBS systems and components
- ▲ Benchtop, portable and custom products
- ▲ Scientific, industrial and educational use
- ▲ Experts in nuclear industry applications
- ▲ Submerged materials characterisation
- ▲ Remote materials characterisation
- ▲ Contract R&D, feasibility studies
- ▲ Customers in more than 35 countries



Innovators in LIBS technology

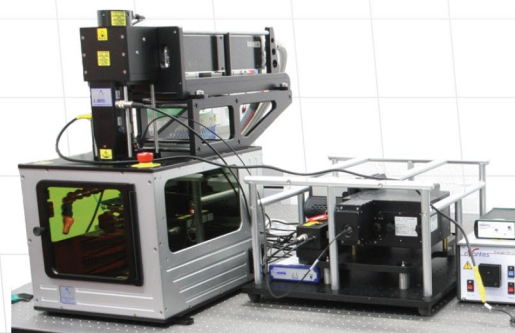
- ▲ LIBS within a nuclear power reactor (1999)
- ▲ "Through Window" LIBS at a radiation hot cell (2001)
- ▲ LIBS at a spent-fuel nuclear reprocessing plant (2001)
- ▲ Submersible LIBS probe system (2002)
- ▲ LIBS at a High-Level Waste Vitrification Plant (2003)
- ▲ LIBScan – a truly modular LIBS product range (2006 onwards)
- ▲ LIBSoft – full-feature software for our LIBS products (2006 onwards)
- ▲ Stand-Off LIBS at over 100 m range (2008)
- ▲ LIBS system installed at Irradiated Materials Examination Facility, KAERI (2014)
- ▲ Two hot-cell LIBS systems installed at Sellafield (2018)

Modular LIBS system solutions

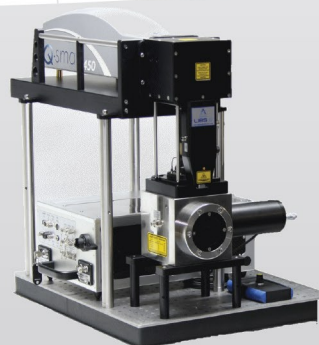
...designed by LIBS scientists for LIBS scientists

We understand that LIBS is application specific and that no single LIBS product can satisfy all applications or customer requirements. Our modular LIBS products provide a highly flexible and versatile way of configuring a LIBS system to meet the needs of the individual user in terms of performance, form and cost.

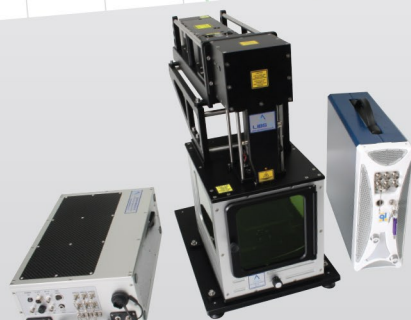
**Proven solutions in
the field of LIBS
since 1998**



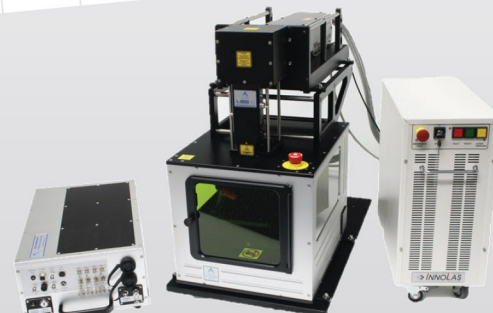
LIBS-6 with Innolas Spitlite 200 double pulse (1064 nm), high resolution EMU spectrograph & XYZ-750 sample chamber



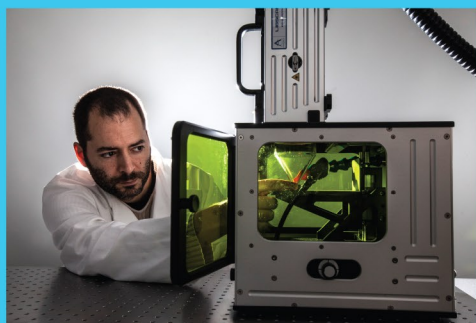
LIBS-6 with Quantel QSmart 450 (1064 nm), Spectromodule-6 & SC-LQ2 liquids sample chamber



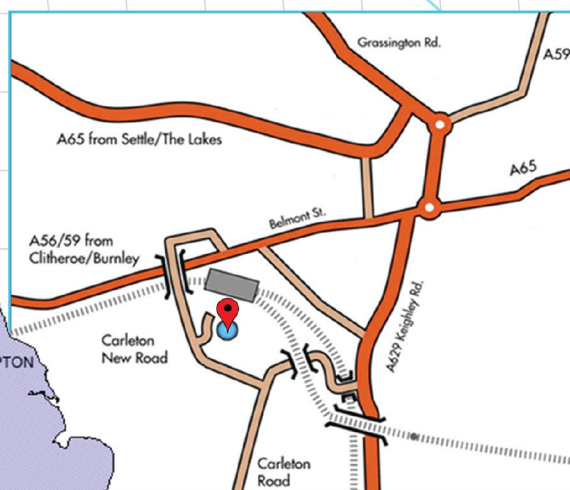
LIBS-6 with Quantel CFR 200 (266 nm), Spectromodule-6 & SC-2L sample chamber



LIBS-8 with Innolas Spitlite 200 Compact (1064 nm), Spectromodule-8 & XYZ-750 sample chamber



We pride ourselves on delivering innovative solutions to technical challenges and so welcome the opportunity to discuss your specific requirements with you.



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