bespoke laser articulated arms designed for your application

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LASER SYSTEMS

ISO 9001:2015

PROUD MEMBER OF

technology SCOTLAND

AILU

specialist design and manufacture of laser articulated arms

ALBAN LASER SYSTEMS

Laser

UV to mid infrared

Excimer, Nd:YAG, Er: YAG, Fibre, CO, CO2 and more

Up to ~ 50J pulse

Performance

Smooth, low friction movements

Balanced for low force operation

Fully aligned for lifetime operation

Accurate beam output performance

Applications

Medical: dental, aesthetic

Scientific: particle image velocimetry

Industrial: corrosion removal, cutting

CA30
30mm clear aperture

CA21
21mm clear aperture

CA16
16mm clear aperture

Capabilities

Manufactured in Scotland

In house design including CAD

Prototypes and one off’s

Series production into 100’s

Customisation

Wavelength and power

Clear Aperture

Lengths and number of joints

Mountings, colours and finishes

In arm optics and galvo mounts

Accessories

Mounting blocks

Damping and locking mechanisms