

# Flexible Laser Technology®





## Flexible Laser Technology®

**..is the technical solution you need designed for you.**

**..is the logistics service you prefer.**

**..is the customer focussed service you deserve.**

**..may be a solution for you.**

With over 20 years supporting demanding applications in industrial manufacturing, biotechnology, clinical diagnostics and semicon, Qioptiq brings design and manufacturing expertise in lasers, fiber optics and multi-line laser engines to every partnership.

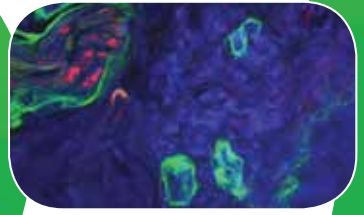
## iFLEX® Lasers UV-VIS-NIR

**iFLEX-iRIS™:** Miniaturized diode lasers with integrated smart electronics. Optional fiber output. High stability, low noise.

**iFLEX2000™:** Compact diode lasers, integrated electronics. Fiber output. High stability, low noise. 5MHz Analogue modulation. No extra heatsinking needed.

**iFLEX-Q3®:** Miniaturized diode lasers. High stability, low noise. Highly polarised output.

**iFLEX-Mustang™:** Modulated DPSS, adjustable power, fiber delivered.



## Laser Engines

Qioptiq offer fiber delivered laser engine combination systems. The original laser engine **iFLEX-Viper®** combines up to 6-lines, or if you only need 2-lines **iFLEX-Gemini™**.

All systems have independent laser control, so lines may be fired sequentially or simultaneously. Collinear beams from SM PM fiber. Modulation and OEM options.

OEM custom solutions also offered for spatially separated beams from multi-line laser engines in the **iFLEX-HYDRA™** systems.

## kineFLEX® Fiber Optics

Singlemode and polarisation maintaining fiber delivery systems for most lasers:-

Single  $\lambda$  for diode, DPSS, gas etc.

White  $\lambda$  e.g. ArKr, RGB systems

Broad band  $\lambda$ : 400-640nm

ULTRA wide  $\lambda$ : 400-800nm

High Power version to 500mW

UV version at 355nm



OEM options for beam shaping, collection & in-fiber combiners. World leading beam pointing stability at  $< 1\mu\text{rad}/^\circ\text{C}$ , provides minimized image jitter.





## Discover the Q!

Discover the capabilities, knowledge, equipment  
and technology of Qioptiq...

**Photonics for Innovation**

### **For further information please contact:**

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