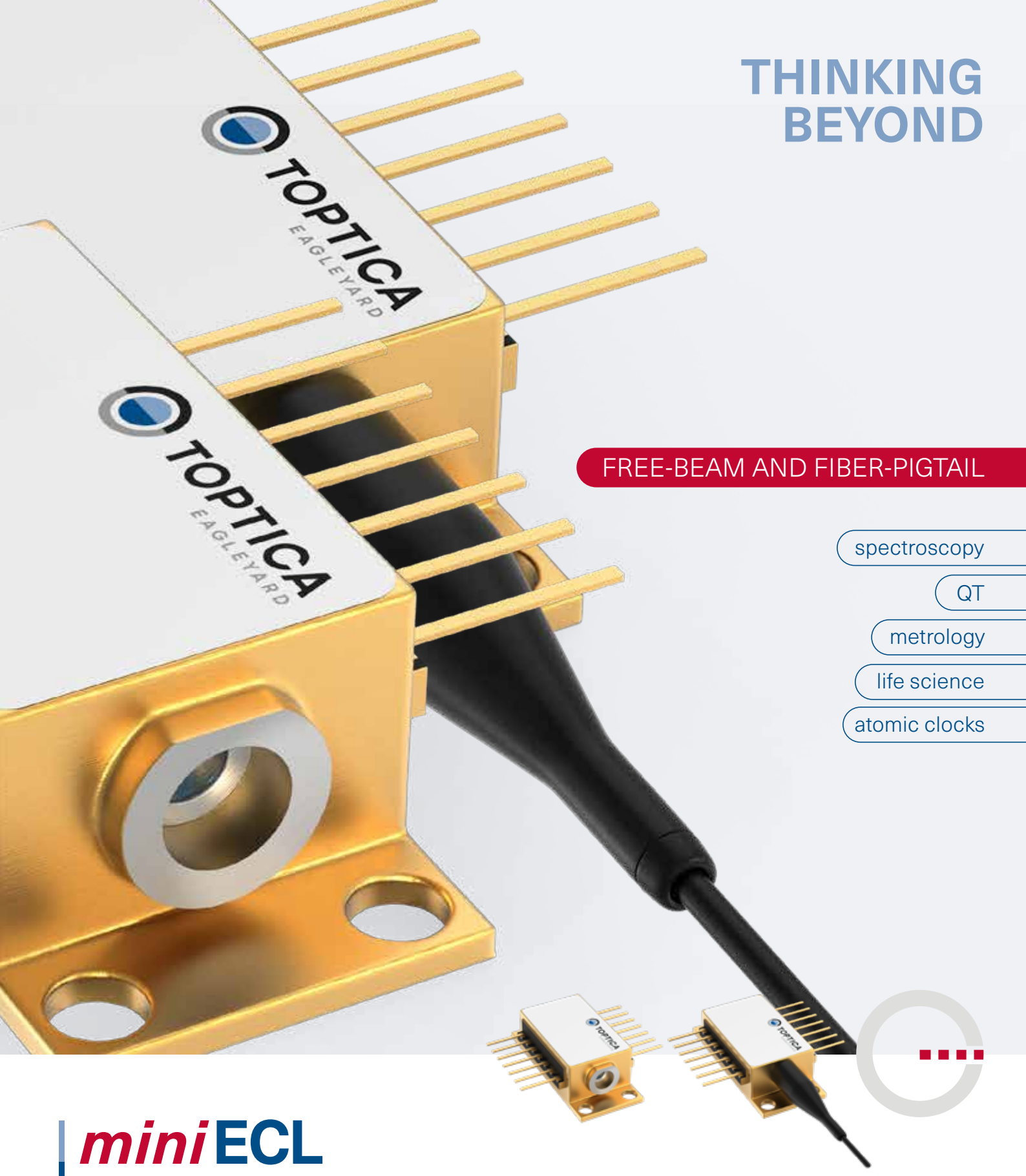
THINKING
BEYOND



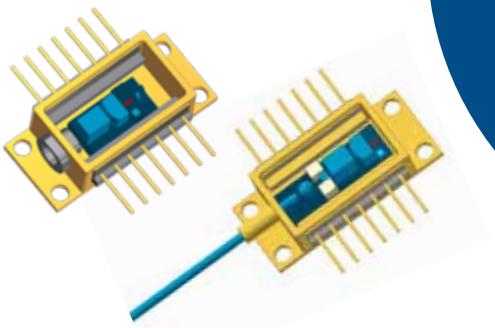
FREE-BEAM AND FIBER-PIGTAIL

- spectroscopy
- QT
- metrology
- life science
- atomic clocks

*mini*ECL
in standard butterfly package

Miniaturized external cavity laser with ~ 100 kHz linewidth

TOPTICA
EAGLEYARD



- spectroscopy
- QT
- metrology
- life science
- atomic clocks

*mini*ECL

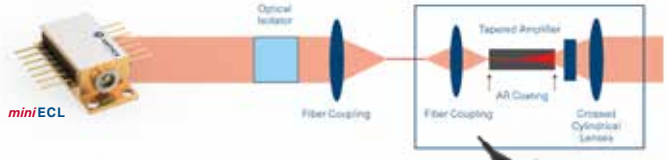
Single Frequency Laser Diode

Free-beam: 40 mW @ 671 nm (Li D1 & D2 line), 80 mW @ 770 nm (K D1 line), 80 mW @ 780 nm (Rb D2 line), 100 mW @ 795 nm (Rb D1 line), 80 mW @ 852 nm (Cs D2 line), 80 mW @ 895 nm (Cs D1 line)
Fiber-coupled: 18 mW @ 770 nm (K D1 line), 25 mW @ 780 nm (Rb D2 line), 25 mW @ 795 nm (Rb D1 line)

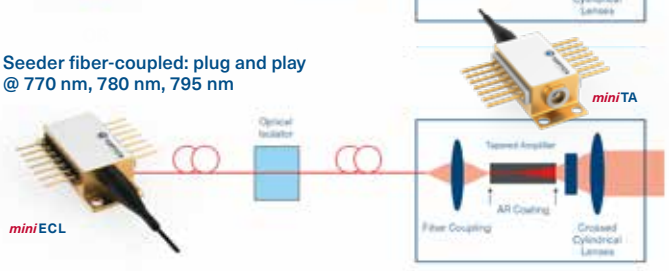
PRODUCT HIGHLIGHTS

- \+ Narrow linewidth of ~ 100 kHz
- \+ High SMSR (typ. 50 dB)
- \+ Integrated beam collimation
- \+ Thermal management by integrated thermoelectric cooler and thermistor
- \+ Integrated optical isolator and 'plug & play' with fiber-pigtail butterfly

Seeder free-beam: High power, flexible wavelengths



Seeder fiber-coupled: plug and play @ 770 nm, 780 nm, 795 nm



YOUR ADVANTAGES

- ✓ Ease of use thanks to high integration level and 'plug and play' option
- ✓ Robustness due to hermetically sealed butterfly package
- ✓ Very narrow linewidth for high precision
- ✓ Possibility of wavelength customization
- ✓ With evaluation board for faster testing and set-up preparation

Find all datasheets here

Contact us!

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