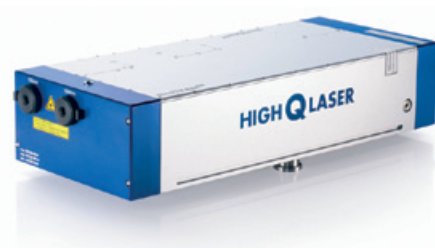




High Q Laser presents the new picoTRAIN™ platform

Picosecond mode-locked lasers with direct diode pumping have been proving their application in scientific and industrial markets in recent years. Especially the use in industrial environments increased the need of picosecond lasers showing high stability and reliability. An answer to these demands are High Q Laser's picosecond oscillators – the picoTRAIN™ platform – delivering a wide range of specifications based on a unique modular setup.

Depending on the customers needs, the picoTRAIN™ can be individually configured by choosing performance modules where all configuration possibilities begin using a basic oscillator,



▲ Picosecond oscillator picoTRAIN IC-10000

the picoTRAIN™ IC-10000. The picoTRAIN™ IC-10000 is delivering pulse trains of 7.5 ps length and 10 W output power at a wavelength of 1064 nm. Starting with the basic oscillator the laser sources can be extended or field-upgraded with four different external modules, which can be

attached to the basic oscillator giving the complete picoTRAIN™ platform:

picoTRAIN™ Platform

Output power:	up to 50 W
Wavelengths:	1064 nm 532 nm 355 nm
Pulse duration:	7.5 ps
Repetition rate:	single pulses bursts up to 80 MHz TTL trig

High Q Laser Innovation GmbH
Feldgut 9 · 6830 Rankweil, Austria
Phone: +43 05522 82646
sales@highqlaser.at · www.highqlaser.at