

Cobolt lasers dance pulsed!

Nanosecond pulsed lasers and tunable mid-IR lasers The highly successful proprietary manufacturing technique, HTCure, has enabled us to readily turn complicated laser designs into compact and cost efficient industrial laser solutions.

The new mid-IR optical parametric oscillator (OPO) is no exception. The most compact OPO about to hit the market has a footprint of 125x70x45 mm, contains both the ns pump source and the OPO and is tunable up to 50 nm around a selected center wavelength between 2-5 μm with up to 80 mW average power.

The passively Q-switched ns pump lasers are also available at 355 nm, 532 nm and 1064 nm with <5 ns pulse widths at 7 kHz pulse frequency and up to 1 W average power. The new pulsed lasers are targeting environmental monitoring, gas detection, material processing, MALDI-TOF, micro dissection and LIBS applications.