SINTEC NEWSLETTER

Sintec Optronics

Laser Expert in Singapore

Mar 2017 Issue

http://www.SintecOptronics.com

Quality and Excellence, presented by Sintec Optronics

FABOOL Lasers Mini *NEW

The leading reliability issue with metal-tube lasers is that the metal is highly reactive with the gas mixture. Over time, as internal components wear, "scrub" each By utilizing “the fullest possible use of open source” × “Buyer's self-assemble model”, we actualized a low-priced laser cutter and engraver. Loaded with a high-end motor driver and a high-speed micro-computer chip, it enabled us to create a laser cutter and engraver which fulfills various needs. (e.g. personal hobby use, creative activities of designers and creators, use for educational institutes, and prototyping for corporations etc..). The free all-in-one software includes functions such as creating and retrieving the processed data of products - sharing all those data and images of the products among other users. Extension of parts allows users to customize based on their needs. (e.g. Expanding the frame which leads to an extension of processing range, Replacing the laser head to one with can produce higher output).

See our demonstration on youtube: https://www.youtube.com/watch?v=yMHnja4JBkU

Microlaser for Diamond Planning & Marking *NEW

Many diamond wholesalers or Jewelry factories need to identify and process the raw diamond, we can offer the laser source for diamond planning & marking. 1064 nm microlaser is a suitable laser source for diamond planning and marking, with perfect marking effect on the middle of the waist line of diamond, the minimum character height can be 40 um, and minimum marking line width 5 um.

Features:
Integrated output optics
Easy integration
Excellent beam quality
Ultra compact package
Long life time

Applications:
Diamond planning
Marking
Biophotonics
Remote sensing
Lidar
Instrumentation

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Supercontinuum sources

Supercontinuum source SC-HE is the latest high power supercontinuum laser with fixed repetition rate. It delivers a wide spectral output ranging from 410nm to 2400nm with up to 3W total power. SC-HE is a short pulse, MHz repetition rate source based on MOPA architecture providing excellent reliability and lifetime. High spectrum density over the whole spectrum makes it the ideal source for the various applications like fluorescence, nanophotonics, flow-cytometry, OCT and etc.

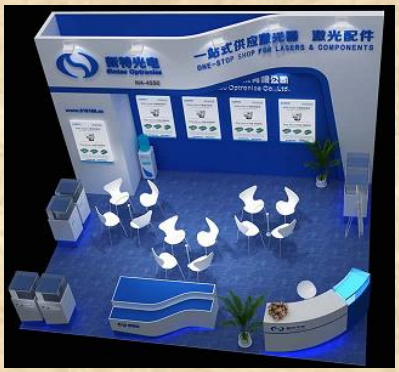
Features:

- Self-designed highly reliable seed laser
- Wavelength: 410nm-2400nm
- Pulse energy: up to 1uJ
- Total power: up to 3W
- One-key-start system
- TFT control
- Single-mode output

Applications:

- Super-resolution imaging
- Fluorescence spectroscopy and microscopy
- Nanophotonics
- Broadband spectroscopy
- OCT
- Nonlinear optics
- Material characterization

Laser World of Photonics Shanghai (14-16 March 2017) *NEW



Sintec Optronics will participate in Laser World of Photonics China in Shangahi from March 14 to 16. Our booth number is N4-4550. We will show our latest products and technologies during the exhibition such as ultrafast lasers, DIGI laser scanners, compact diode drivers etc. Also we will promote our new products at attractive prices.

Welcome to our booth for a meeting and you will be surprised with our new achievements.

Promotional items!

We are currently overstocked on items such as Q-switch drivers, laser lamps, CO2 focussing lens and CO2 f-theta lens, high power fiber cable, ceramic reflectors, Optical galvanometers that supports 12-30mm apertures, and galvo drivers. Inquire about our stock items now and receive large discount!

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