



SINTEC NEWSLETTER

Sintec Optronics

Laser Expert in Singapore

December 2016 Issue

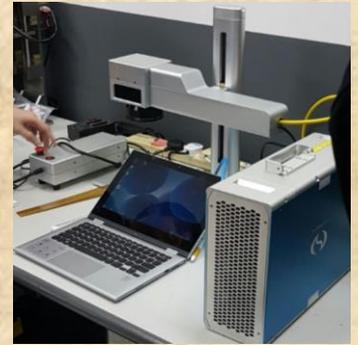
<http://www.SintecOptronics.com>

Quality and Excellence, presented by Sintec Optronics

Mini Fiber Laser Machines *NEW

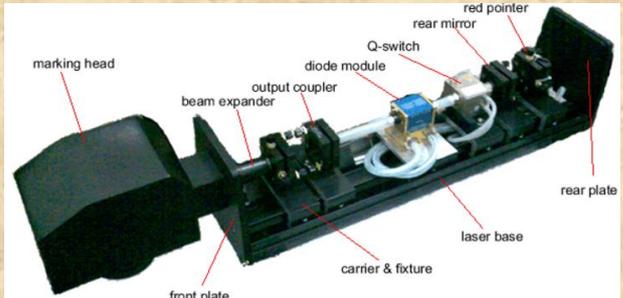
We have introduced a new configuration for marking machine: Mini fiber laser marker! It is like a small computer pc size and comes with the standard laser head and z-axis stage. Included inside is a standard 20W fiber laser. The marking quality is the same as our standard fiber laser marker with a simple software interface. The simple integration of the system requires no after-installation service. The fiber laser machine is the ideal solution for a broad range of industrial applications. Typical Applications:

1. Laser marking of metal & non-metal materials and products: stainless steel, copper, aluminium alloy, ceramics, plastics, organics, thermo-elastomerrubbers, paper, name cards, turbine blades
2. Electronic industry: capacitor, inductor, PCB, IC, connector, control panel, instrument
3. Others: cosmetics, food package, bottle, gift, advertisement & sign crafts, craft & gift making



Laser Diode Modules *NEW

Nd:YAG laser gain module with continuous or pulsed diode pumping. The laser gain module is designed for solid state laser systems for a wide range of application. The product scope includes both pulsed and continuous laser gain modules. The systems are liquid-cooled. We also help companies to integrate into a DPSS laser cavity by offering other parts of the laser head such as output coupler, back mirror, red laser guide, the rail and marking head. Available: with Nd:YAG rod generating 1064nm wavelength and Tm:YAP crystal rod generating 1925nm wavelength for medical applications !



MoTex zoom beam expander

MoTex is a zoom beam expander, designed for automated applications. It combines 5 separate lenses to provide variable magnification from x2,5 to x12. Control solution of the beam expander is versatile - making it controllable either remotely from computer or directly with control buttons. Driver and all the motors are integrated in the casing of beam expander, even though it is compact and convenient for usage. Standard wavelengths are 1st-3rd Nd:YAG harmonics, but any custom wavelength is available on request.



Sintec in the news !



Ultra-fast pulses is the latest technological trend in lasers, this leads to better machining quality and more efficient, more intelligent manufacturing capabilities. Sintec's founder, Dr. Chen Yihong (pictured on the right), looked for the best technology R & D partners in Wuhan and recently partnered with Wuhan City's government officials to pilot the "City Partnership Program", bringing together industry leaders, well-known venture capitalists, and outstanding youth innovation and entrepreneurship. With funding of 100 million RMB, a large number of innovative projects are being implemented, developing better ways of employing ultra-fast lasers in manufacturing.



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Office in Bangalore! *NEW

We are pleased to announce our new office in Bangalore! The new office will be fully operational by the end of the year, but we have already started basic operations. The purpose of this office is to provide good service and fast response to our customers in India! Our sales engineer will be happy to meet you for a chat and discuss your needs. The primary contact for our India office is india@sintec.sg

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!

Price reduction over all our products!

Our prices have also recently reduced over all our product range! Please inquire our sales for updated price lists !

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