



Sintec Optronics

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SINTEC NEWSLETTER

Laser Expert in Singapore

<http://www.SintecOptronics.com>

Quality of Excellence, presented by Sintec Optronics

***NEW* Thermal imagers and Laser Rangefinders**

Our new product line includes a range of [Thermal Imagers](#) and [Laser Rangefinders](#). The best seller is our Multiple-Function Thermal Imager, incorporating target detection and information record function, is applicable to long distance target detection, surveillance and information collection for seaport monitoring, marine rescue & search, border patrol, etc.

Features:

- High mobility: small size and light weight; built-in Lithium battery for field operation
- Multiple functions and controls: image based monitoring, image record/download/preview/delete, positive/negative image display, manual/auto brightness adjustment, auto NUC, defective pixel processing, electronic zooming, laser range finding, GPS, video record



***NEW* STRFH series 355nm DPSS lasers**

With relatively short pulse width ($<20\text{ns}@50\text{K}$), superior beam quality ($M^2<1.2$) and perfect beam spot quality (Beam Circularity $>90\%$). This series lasers are widely used in precisely marking on nonmetal materials, LED etching, glass marking and FPC cutting applications.

Applications

- Glass scribing and marking
- Millipore punching
- removal of metal and non-metal coating
- flexible PCB marking and scribing
- material micromachining



Main characteristics:

1. Laser wavelength 354.7nm. Repetition rates cover a wide range (single pulse to 200 kHz).
2. Short pulse width ($<20\text{ns}@50\text{K}$), small thermal effect on operation field.
3. Superior beam quality ($M^2<1.2$), absolutely assured in all repetition rates.
4. ORHAC (online refreshment for harmonic coupling) technology, long term power stability.
5. Unique Q-switching technology, adapts a variety of control requirements of laser applications.
6. Whole process intelligent digital power control technology, which can control lasers through RS232 external controller.
7. Industrial production process control technology, provides quality stable products.
8. Higher powers require chiller

***NEW* Fiber Optics Inspection and Cleaning kits**

We are now offering a new product line for inspection and cleaning of fiber optic connectors and tips. Our inspection and cleaning tools include: **Fiber Optic Connector Inspection device (portable), 400X Hand held Optical Inspection Scope, Fiber Optic Cleaners, Pens, sticks.** Visit this [link](#) or inquire for more information !



Promotional items!

We are currently overstocked on AO Q-switches, 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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