



Quality of Excellence, presented by Sintec Optronics

Laser Measurement Device

Actuator Device



The actuator is a limited rotation Versatile Rotary Actuator Device for applications:

- Optical beam chopper/shutter
- Optical element positioning
- Vending machine actuator
- Office equipment actuator
- Air damper/door actuator
- Automobile actuator
- Fluid valve actuator

USB-controlled Optical Power Monitor



The SOPM150 is a versatile power monitor for use in the lab and for laser servicing as well as for OEM applications

RF Power Meter



Special Features:

- Illuminated meter
- Switchable r.m.s. or peak power
- Measures forward, reflected & VSWR power
- 6"W x 2"H x 4"D, 2 lbs

Optical Power Monitor



The SOPM series of optical power monitors employ photodiodes to measure optical power. Precision dual transimpedance input stages provide for high common mode rejection and linearity throughout the full dynamic range of the system.

Laser Power Meter – Display unit, STPS-LEM2420



The preamplifiers integrated into the device and the possibility to set sensor sensitivity, allow using a wide range of sensor heads.

The STPS-LEM2420 is equipped with a USB interface and with a TCP/IP network connector. These ports allow remote control and transferring of all data to a PC. Additionally, a MMC/SD-Card slot to save the data is integrated.

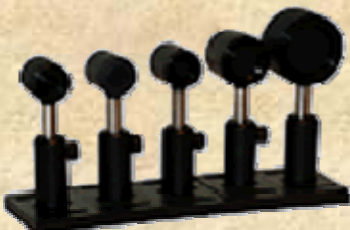
Thermopile Power Detectors



Thermopile Power Detectors are based on thermoelectric principles, which mean that the heat generated from the incident radiation is transformed directly into a voltage or outside laser.

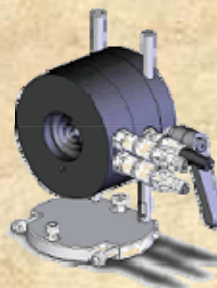
All the detectors have a black, broadband absorbing coating.

STPEM Standard Series energy detectors



The detectors are coated with a black absorption layer which possesses an almost constant absorption in the wavelength range from 185 nm to 25 μ m

High Power Meters RC30 and RL2000-4000



These power meters are mean power measurements on CW or pulsed lasers.

Due to water cooling, the power meters can measure laser power up to 4kW.



Universal Scanning Spectrophotometer



The UV-VIS-NIR scanning spectrophotometer is a universal instrument designed specifically for unattended measurement of optical parts with coatings. The instrument is produced in six configurations relative to effective spectral range meeting individual customer measurement needs - from 380-1700 nm up to 190-4500 nm.

Fiber Coupled Laser Welding Machine



Laser welding is the most flexible and modern method to join together different materials. With STCP welding machine, it is possible to weld together metals, such as steel, stainless steel, platinum, gold, titanium, brass, bronze, nitinol, and other alloys, as well as semiconductors and other diverse materials, without the use of solder or soldering flux.

STIR1133C Hand-held Thermal Imager



Thermal Imager is highly mobile product with multiple functions for versatile applications like: Night vision observation, rescue & search, patrol and surveillance.

Eye-safe Laser Range Finder



Laser range finder is a highly mobile product with multiple functions for versatile applications.

- Patrol & reconnaissance
- can equipment to all kind of optic-electronic system

High Peak Power Lasers



High peak power solid-state diode pumped Q-switched lasers, fundamental 1064 nm, green 532 nm and UV 355 nm available.

Applications:

- rapid prototyping
- micro-machining
- thin film solar cell scribing
- marking, structuring, trimming
- glass engraving

High Repetition Rate Q-switched Lasers



High repetition rate solid-state diode pumped Q-switched lasers, fundamental 1064 nm, green 532 nm and UV 355 nm available.

Applications:

- rapid prototyping
- micro-machining
- thin film solar cell scribing
- marking, structuring, trimming
- grayscale ID-cards

Passive Q-Switched Nd:YAG Laser



We provide passively Q-switched laser systems (DPSS) emitting at wavelengths of 213nm, 266nm, 355nm, 532nm, and 1064nm with excellent beam quality, which are widely used in various applications, such as biology, biomedicine, chemistry, and analytics.

SNLT Series OPO Lasers



SNLT OPO laser is a new kind of compact nanosecond Optical Parametric Oscillator; it features excellent beam quality in widely tunable infrared spectral range and is thereby suited for various F&E applications. This laser can be used as Q-CW laser source as well as for time-resolved measurements.



SINTEC NEWSLETTER

Sintec Optronics

Laser Expert in Singapore

July 2013 Newsletter

<http://www.SintecOptronics.com>

Sintec Optronics has successfully participated the following fairs:

- Laser World of Photonics**, Munich Germany, 13-16 May 2013
- MetalTech Malaysia 2013**, Kuala Lumpur Malaysia, 21-25 May 2013

Sintec Optronics Technology Pte Ltd

10 Bukit Batok Crescent #07-02 The Spire Singapore 658079

Tel: +65 63167112 Fax: +65 63167113

E-mail: sales@sintec.sg, sales@SintecOptronics.com

URL: <http://www.sintec.sg>, <http://www.SintecOptronics.com>