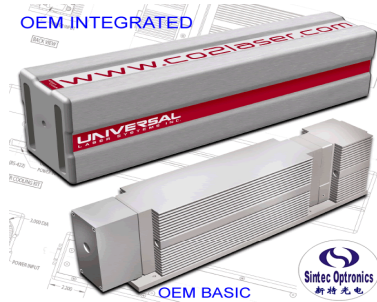


Hot DEAL'S on our featured Promotional Products



Best price offer for our:

1. EO Q-switch IMPACT 8 and
2. CO2 laser 30W integrated air-cooled.

Diode End-pumped Green Lasers (532nm)

Diode end-pumped lasers adopt full sealed-off design with small volume and low power consumption as well as fiber-coupled pumping, which is easily for the integration of system and equipment. The modularized design provides the convenience for changing by customers. The laser beam is TEM₀₀ with high beam quality, high peak power and short pulse width. Excellent resonator design can keep average laser power and pulsed peak power stable & constant. This laser can meet the requirements of most industrial precision processing. What's more, it's absolute air cooling, the micro-optics design of key pumping source is the most advanced all over the world.

Features:

- Diode pumped air cooling technology – low power consumption
- Unique split type design
- Good beam quality. It is TEM₀₀ with $M^2 \leq 1.2$
- The laser is sealed and it is anti-dusty



"3 in 1" Laser Power Supply

(diode driver + Q-switch driver + laser marking head's power supply)

In a diode pumped Nd:YAG laser marker, a diode driver, a Q-switch driver and a DC power supply are needed. They are individual with large size and then the size of the laser marker is also large. It is not convenient to move the laser marker due to large size. We have developed a "3 in 1" laser power supply and the above power supplies are integrated into one unit with compact size.

Features:

- Compact in size and light in weight.
- Modular design for convenient maintenance.
- Excellent performance.
- Portable for easy moving.



"3 in 1" driver



High Speed End-pumped Laser Marking Machine

To meet the growing demand for industrial precision processing, we have creatively developed the diode end-pumped Q-switched laser marking machine. It is air-cooled, small, compact and low power consumption. The laser beam is TEM₀₀ with high beam quality, high peak power and short pulse width.

Excellent resonator design can keep average laser power and pulsed peak power stable & constant. This laser machine can meet the requirements of most industrial precision processing.

Main Technical Characteristics:

- (1) Air cooling, small size and compact.
- (2) TEM₀₀, high beam quality, $M^2 \leq 1.2$, can mark fine lines, suitable for high precision marking applications.
- (3) High quality Q-switch, narrow pulse width, high peak power, high power stability, subtle thermal ablation.
- (4) High pumping efficiency with fiber coupled diode laser and long lifetime (20,000 hrs).
- (5) Laser is airproof via vacuumized.



Applications:

End-pumped diode laser marking machine is suitable for marking on various materials, such as nylon, ABS, PVC, PES, steel, titanium, copper, plating materials, coating materials, Sprayed materials, plastic, rubber, epoxy resin etc.

And it can mark character, pattern, batch number, production date, bar code, logo etc.

Sintec Optronics Pte Ltd is a leading supplier and manufacturer of a wide range of photonics products such as lasers, laser parts and relevant accessories. We are dedicated to continuously evolving our knowledge and experience in order to deliver innovative products and expertise that advance our customer's technologies at affordable prices.



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