

PHOTOP LASERTECHNOLOGY

Photop Laser Technology - founded 1997 as SUWtech - offers a wide variety of green and blue diode pumped solid state lasers. The product spectrum includes the smallest DPSS lasers on the market. Full access to the resources and products of the other Photop companies makes sure that all products meet the current state of the art. Also subcomponents like the unique Green Laser Core can be provided.

GDL Series of Green DPSS

The GDL laser is the smallest 532 nm laser in the world, in fact the pump laser diode, the laser- and the frequency doubler-crystal, the resonator, a photodiode and a beam-shaping optic is packed into a TO can housing. The green, bright light brings best visibility for scanning, measurement and alignment applications.

The GDL series is available in various versions from 1 mW to 100 mW, it includes a power control option of the green light with an internal photodiode for laser safety. The latest design improves the temperature- and beam-pointing stability significantly. Complete laser-modules or line projectors are also available.

Features:

- smallest green DPSS
- internal power control
- low noise version available
- up to 100 mW
- RoHS compliant

NEW 200mW Green Laser

The brand new high power laser is delivered in a very small 22x12mm TO-can. It can be operated in a temperature range from 5 to 40degC (typ) and offers a beam divergence of 9mrad. For better control of output power, there is an integrated monitor photodiode.

Features:

- Mini Size
- Low Cost
- Auto Power Control Function
- Wide Operating Temperature

Applications:

- Laser Aiming
- Laser Alignment & Pointing
- Surveying Equipments

