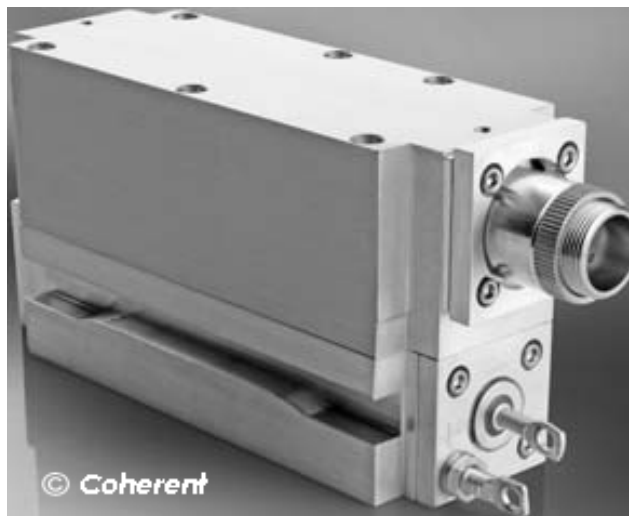


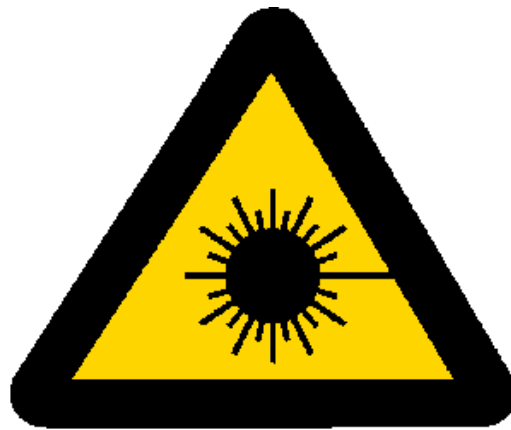


GREEN-8000C

USER MANUAL



Please read this manual carefully before you initially start-up!



DANGER LASER RADIATION!

Avoid direct eye exposure!

Laser radiation can cause eye damage and/or skin damage

All protective measures for a safe operation of this laser must be applied.

1. SAFETY INSTRUCTIONS

- If the device has been exposed to drastic temperature fluctuation, do not switch it on immediately. The arising condensation water might damage your device. Leave the device switched off until it has reached room temperature.
- The laser must only be used for shows. The operation is only allowed if it is controlled by a skilled and well-trained operator.
- Never leave this device running unattended and keep it away from children and unauthorized persons.
- Keep away from heaters and other heating sources. In order to safeguard sufficient ventilation, leave 50 cm of free space around the device.
- Never direct the laser beam to people or animals.
- CAUTION LASER DIODE: Never unscrew the housing!
There are no serviceable parts inside the device. Maintenance and service operations shall only be carried out by authorized dealers.
- Always disconnect from the mains when the device is not in use or before cleaning it.
- **HEALTH HAZARD! Never look directly into the light source, as sensitive persons may suffer an epileptic shock!**

Laserdiode Green-8000C

- optically pumped diode laser diode (OPSL)
- class: VECSEL
- semiconductor, which emits from the surface, i.e. perpendicularly to the laminated structure
- works with optical pumps
- higher power output
- resonator-internal frequency doubling (SHG)
- visible light in convincing quality

technical facts:

- **wavelength:** 532nm
- **output: spez.:** 8000mW; **typisch:** 9000mW
- **analogue Modulation**
- **Beam divergence:** 100:1, horizontal
- **voltage:** 1,5 to 2,2V
- **case-temperature:** 25 +/-2 °C
- **dimensions (Laserhead):** 121 x 44 x 65mm (L x W x H)
- **weight:** 0,8kg

EU- Declaration of Conformity



We hereby confirm that the following device

Laserworld GREEN-8000C

complies with the essential safety requirements, laid down in the regulations of the committee to assimilate the provisions of law of all participating EU states on the electromagnetic compatibility (98/336/EWG).

The device has been classified considering the following EU-norms on electromagnetic compatibility:

DIN EN 55103-1: 1996

DIN EN 55103-2: 1996

DIN EN 61000-3-2:2000 + A2: 2005

DIN EN 61000-3-3:1995 + A1: 2001

Assessment of compliance of the product with the requirements relating to the Low Voltage Directive (LVD) was based on the following standards:

DIN EN 60065 : 2002

This declaration is executed on behalf of the GREEN-8000C Importer:

Laserworld (Switzerland) AG

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8274 Tägerwilen
SWITZERLAND

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Supervisory board Ms Rhea Gössel

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Commercial Registry Kanton Thurgau

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