

**Small CW driver for laser diodes up to 30 A**  
**Stable aluminum enclosure**  
**15 V/DC up to 24 V/DC supply**  
**USB interface**  
**Analog interface**



Beratrons CW driver for laser diodes up to 30 A is a perfect current supply for a multiplicity of laser diodes with a maximum current of 30 A and a maximum voltage of 12 V.

The driver 0910 can be supplied with 15 V/DC up to 24 V/DC and is controlled via USB interface or analog interface.

An integrated limit current control assures a safety operation of your laser diode.

All parameters of operation can be saved in a nonvolatile memory.

A three color LED on the front side of the driver informs the user about the operational state.

The driver is equipped with a current monitor output and a interlock for safety operation.

Remarkable are the dimensions of only 10.4 x 2.4 x 7.2 cm<sup>3</sup>.

The 0910 is air cooled. Additional cooling is not needed.



Picture 1: front - view



Picture 2: rear - view

# CW driver 0910 (preliminary)



Supply	15 V/DC up to 24 V/DC Connector Phoenix MSTB 25, HC/2-ST-5,08
max. laser diode current	selective 7.5A, 10A, 15A or 30A current rise-time < 30 $\mu$ s over-current protection ripple ca. 3%
max. load voltage	up to max. Supply / 2
Cooling	air, integrated fans
USB interface	Mini - B
Analog interface	laser-diode current presetting On/Off TTL signal
Warning lamp (Relay)	24V DC or AC / 400 mA
Current monitor	Digital via USB or Analogue
Interlock	single, hard
Operation indicator	multicolour status - LED
Operation modes	internal mode (presetting via USB) external mode (presetting via analogue interface)
Enclosure	Aluminium
Weight	160 g
Dimensions	104 x 24 x 72 cm <sup>3</sup> (without connectors)