

360 W electrical power
24 V/DC supply
Feedforward control
USB interface
NTC / PTC input
Sensor for Heat-sink
air cooled



The 0911 TEC driver was developed to control the temperature of a mounting plate for common diode lasers of many manufactures.

The 0911 can drive +/- 15 Amps for 24 V peltier elements and is controlled via a USB interface. The status of the drive is indicated by a three color LED at the front of the driver.

The desired temperature can be set via analogue presetting or via USB interface. The 0911 is equipped with a relay or TTL output to signalize normal operation.

The Temperature is controlled by a digital, configurable PID - regulator.

The feedforward control can be used in conjunction with a current monitor, e.g. of the laser diode driver type 0910.

Beratron also supplies ready to use heat-sinks with aluminum mounting plate and 24 /DC or 230 V/AC fans to directly mount your diode laser on.



Picture 1:Front - view

Supply	24 V/DC
Temperature Sensors	10 K NTC / PT 100 / 100 K NTC / PT 1000
USB interface	Mini - B
Max. output power	360 Watt
Interlock output	Relay 24V / 400 mA, TTL
Input On/Off	TTL or closing potential free
temperature presetting	analogue and digital via USB
feedforward control	analogue (e.g. for current monitor 0910)
Indication LED	three color LED
cooling	air cooled, internal fan
Indication LED	three color LED
Dimension	105 x 72 x 25 mm ³
Weigth	Module 160 g without connectors