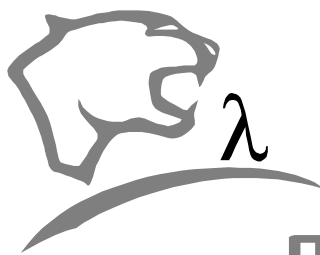


Especially designed for external cavity diode lasers

PILOT SERIES

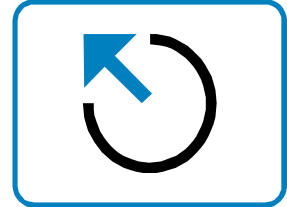
Low Noise
Diode Laser Driver



made for ideas...

Laser Current Supply

500mA / 3000mA laser current



Security Features

Softstart
Interlock
adjustable current limit

Security Features

16W / 32W TEC control
Temperature Sensor: AD 590,
optional: NTC



Specifications

Laser Current Source	P500	P3000
Control Range	0 .. +/- 500mA	0 .. +/- 3000mA
Compliance Voltage	7V	7V
Setting accuracy	+/- 0.1%	+/- 0.1%
Resolution	0.1mA	1mA
Noise (10Hz .. 10MHz)	< 5µA RMS	< 20µA RMS
Temperature Control		
TEC current range	0 .. +/- 2A	0 .. +/- 4A
Output Voltage	+8V .. -8V	+8V .. -8V
Max. output power	16W	40W
Noise & Ripple	< 1mA	< 1mA
Temperature Sensor	AD 590 NTC optional	AD 590 NTC optional
Common Data		
Line Voltage	110V / 115V / 230V	110V / 115V / 230V
Line Frequency	50 .. 60Hz	50 .. 60Hz
Operating Temperature	0 .. 40°C	0 .. 40°C
Storage Temperature	-25°C .. 70°C	-25°C .. 70°C
Weight	< 5kg	< 5kg
Dimensions (W x H x D)	22cm x 9 cm x 32cm	22cm x 9 cm x 32cm

Please contact us

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