

Ceralas D100

Ceralas D60

FIBER DIODE LASER

Technical Data D100 (D60)

Laser type:	Combined GaALAs semiconductor lasers
Output:	wavelength 980 ± 30nm max. power (module) >120watts (> 70 watts) max. power (fiber) 100 watts (60 watts)
Power range:	settings 5 to 100 watts (5 to 60 watts) increments 1.0 watts
Operating mode:	continuous pulsed
Pulse duration:	"ON-TIME" 0.1 to 99.9 sec "OFF-TIME" 0.1 to 9.9 sec
Aiming Laser:	laser type Visible semiconductor red max. power 3 mWatts (class II) wavelength 670 ± 10 nm
Application systems:	Bare fibers (SMA905, 600-1000nm) Shaped (cone, orb, chisel) Sidefiber 1800™ Cooled fibers LITT fibers Handpiece
Special feature:	advanced keycard-system
Dimensions:	size (HxWxL) 10" x 15" x 20"; 25 x 38 x 50 cm weight 35 kgs (20 lbs)
Power requirements:	110/220-265 Volts; 60/50 Hz; 9/5 Amps



Please contact our sales engineering departments or our local representative.

CeramOptec GmbH
Siemensstr. 8, 53121 Bonn, Germany
Tel: 228/ 979670, Fax: 228/ 9796799

CeramOptec Inc.
515 A Shaker Road,
East Longmeadow, MA 01028
Ph: 413/525-0600, Fax 413/525-0611

CeramOptec Systems
IOFAN, Vavilova Street 38
11942 Moscow, Russia
Tel./Fax: 7 502-2247141
Fax/Tel.: 7 095-1350387

AndaOptec
A.K. 326
Livani, LV5316, Latvia
Tel./Fax: (371) 5343646

CeramOptec Sdn. Bhd.
2nd Floor, No 19 A, Jalan Pasar 1/21,
46000 Pentaling Jaya
Selangor D.E., W-Malaysia
Tel: 603-7936429, Fax: 603-7936428

CeramOptec (I) Ltd.
Level 5, Wisma Oceanic
Jalan OKK Awang Besar
87007 FT Labuan, Malaysia
Tel/Fax: 6087-423915

CeramOptec

Specifications are subject to change without notice.



100 Watts of mobile power

...makes you forget the bulky past.

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CERALAS D100.

First time ever:
100 Watts in compact, mobile form.
Replace the traditional Nd-YAG laser for well known Gastro, Pulmo, Gyn, Uro, ENT, Neuro and General surgical applications. Forget inhouse service, water cooling and bulkiness.

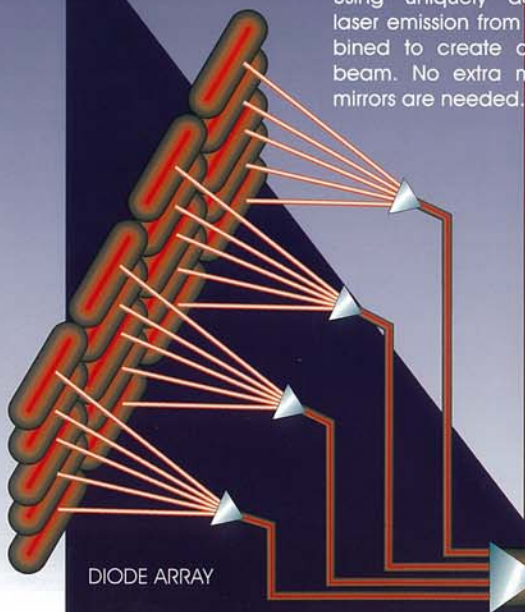
CERALAS D60.

60 Watts of economic 980nm power in a 20 kg package can be coupled to a wide range of bare and shaped fibers, cooled fibers, sidefiber 1800™ and hand-pieces to suit most clinical requirements.

FIBER DIODE LASER

Need a different wavelength? Future Ceralas™ lasers will accommodate by simply changing or adding a module. Unparalleled foresight like this is now employed by CeramOptec design engineers so that our diode lasers will likely meet even your future unforeseen requirements.

Using uniquely designed fiberoptics, laser emission from laser diodes is combined to create one powerful output beam. No extra mechanical parts or mirrors are needed.



DIODE ARRAY

FIBEROPTIC COLLECTING SYSTEM



The ultimate
table-top Diode Laser system

Ceralas D