



LASER MEDIUM	<b>ArF</b>	<b>KrF</b>	<b>XeCl</b>	<i>UNIT</i>
WAVELENGTH	193	248	308	nm
PULSE ENERGY	4.0	5.0	2.0	mJ
AVERAGE POWER	350	500	200	mW
GAS FILL LIFETIME	10 <sup>6</sup>	10 <sup>6</sup>	10 <sup>7</sup>	SHOTS

## COMPACT EXCIMER LASER CEX-100 DATASHEET <sup>1</sup>

CEX-100 is the most compact excimer laser in its power class. It is designed as an air cooled single unit with integrated power supply, AC input line voltage, long life thyratron, single gas optics and halogen compatible construction.

### General

- Ultra-compact design
- Laser safety CLASS 3B laser
- Weight 9,2 kg (20,3 lbs)
- Dimensions (L x W x H): 346 mm x 149 mm x 232 mm

### Features

- ❖ Easy operation with Remote Control Unit or computer via RS232
- ❖ Internal and external pulse trigger
- ❖ Ready for operation with premix gases for excimer lasers

### Technical specification

- Max pulse repetition rate 100 pps
- Beam Dimensions 3.0 x 3.0 mm
- Beam Divergence (H x V) 3.5 x 2.0 mrad
- Pulse duration 5 ns
- Power requirements 220/115V AC, 120 W

<sup>1</sup> LDI Innovation reserves the right to the alter specifications without prior notice.

