

D10 BENCH TOP MICROLASER DRIVER



The D10 microlaser driver is designed to drive either the ER100 or ER200 Er:Glass Microlasers. The D10 is very easy to setup and operate. Internal limits can be set for current, pulse width, and repetition rate, preventing possible laser damage.

SPECIFICATIONS

Input Specifications:

- AC Input Voltage: 100-250VAC, 1-phase or 2-phase, auto-switching.
- AC Input Frequency: 50-60Hz
- AC Input Current: 1.4A_{rms} for 115VAC; 0.7A_{rms} for 230VAC
- AC Input Fuse: 2Amp Type 239 (5x20mm, Slow-Blow)
- External Fire BNC: 4 - 12V, 1mS \pm 0.5mS pulse, 0-10Hz, 21mA (560 Ω load)

Temperature Specifications:

- Operating Temp: 0°C to +50°C
- Storage Temp: -25°C to +85°C

Output Specifications:

- Repetition Range: 0.2 - 10Hz
- Pulsewidth Range: 1.3 - 9mS
- Current Range: 0 - 10 amps