

**MIL-W-2700/2803/2830/10~40μJ**

## LD PUMPED ALL-SOLID-STATE INFRARED LASER

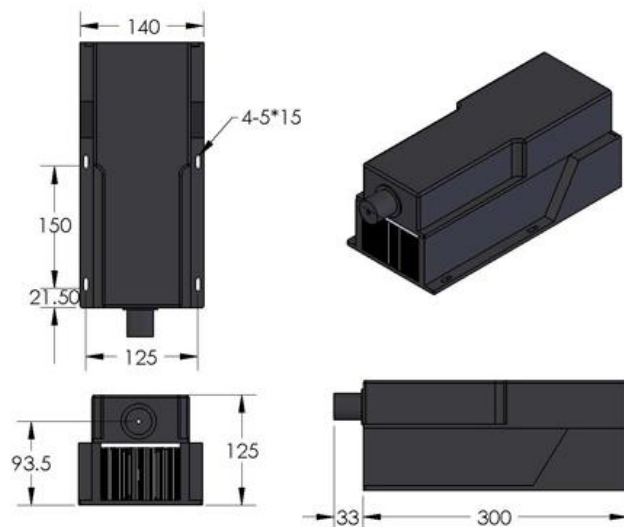
CNI's infrared laser with three wavelength at 2700nm, 2803nm and 2830nm is always called waterlase. It is made features of good beam quality and easy operating which is widely used in medical treatment in which it can perform many procedures without a shot or a drill.

### SPECIFICATIONS

|                                     |                        |
|-------------------------------------|------------------------|
| Wavelength (nm)                     | 2700±2, 2803±5, 2830±3 |
| Output power (μJ)                   | >10, 20, ...40         |
| Operating mode                      | TTL                    |
| Rep. rate (Hz)                      | 10, 20, ...1000        |
| Power stability (rms, over 4 hours) | <3%                    |
| Warm-up time (minutes)              | <10                    |
| Beam divergence, full angle (mrad)  | <8                     |
| Beam diameter at the aperture (mm)  | <1                     |
| Beam height from base plate (mm)    | 45                     |
| Operating temperature (°C)          | 10~30                  |
| Power supply (90-264VAC)            | PSU-H-LED              |
| Expected lifetime (hours)           | 10000                  |
| Warranty period                     | 1 year                 |

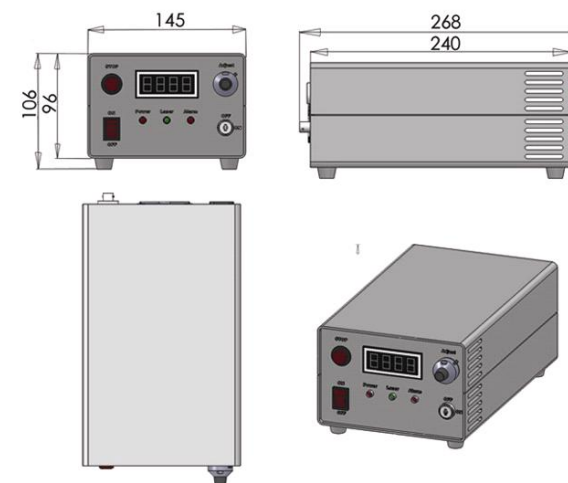


**MIL-W-2700/2803/2830**



333(L)×140(W) ×125(H) mm<sup>3</sup>, 6.1 kg

**PSU-H-LED**



268 (L) ×145(W) ×106 (H) mm<sup>3</sup>, 2.6 kg

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