

nuQ™



20W, 30W & 50W Fiber Lasers for Marking

With the security of Nufern's name behind every pulse, NuQ fiber lasers enable you to mark faster, cleaner, and more precisely on a wide variety of materials. With fast turn-on time and high peak power over a wide range of repetition rates, NuQ lasers maximize production throughput and deliver more marking power per output watt. With their single-mode beam quality, the NuQ laser family can produce ultra-fine, crisp marks every time. The system design ensures zero bleed-through power when gated off to prevent the appearance of ghost lines between marks, even on sensitive materials. Wide adjustability and stable operation make the NuQ lasers uniquely suitable for both industrial and job shop applications worldwide. Make the switch with confidence.

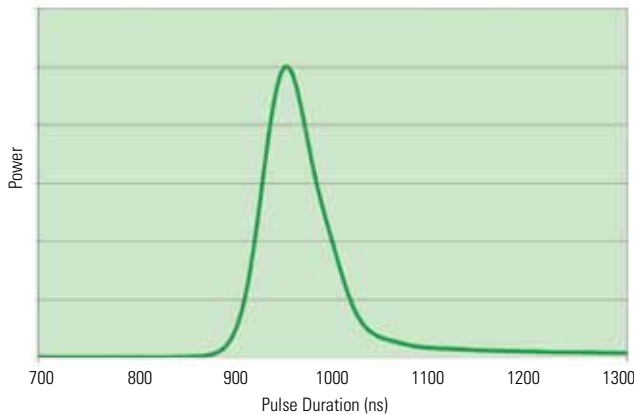


www.nufern.com

Optical Benefits

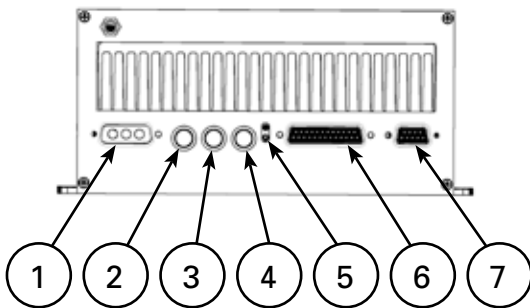
- Fast turn-on time (250 μ s) yields highest production throughput
- Zero bleed-through power when gated off, prevents ghost lines between marks, even on sensitive materials
- Single-mode beam quality for ultra-fine, crisp marks
- Gaussian pulse shape yields highest peak power, for more marking per output watt
- Collinear red-pointer

Pulse Shape at Rated Power



Electrical Benefits

- Industry standard plug compatible control interface
- Selectable pulse frequency and magnitude
- Runs on 24V industry standard power supply
- Single emitter pump diodes for extreme life expectancy
- Convenient RS232 interface reducing system cost

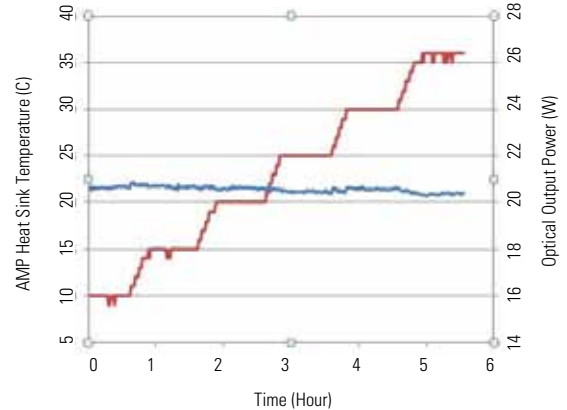


- | | |
|------------|-------------------------------|
| 1. 24 V In | 5. Status LED |
| 2. PRR Out | 6. 25 Pin Interface Connector |
| 3. Gate | 7. RS-232 |
| 4. PRR In | |

Mechanical Benefits

- Compact industry standard footprint for 20W, 30W & 50W
- Rugged air cooled design for survivability
- Metal armored flex output cable for durability
- Convenient termination housing with optional telescope

Stable Over Widest Temperature Range



Typical Applications

- Marking
- Engraving
- Etching
- Trimming

Powered by Nufern

- Industry benchmark NuPOWER™ fibers used throughout
- Toll-free help line: 1-888-NU-HELPS
- Commitment to R&D, our customers and our community
- Comprehensive IP and patent portfolio

