

Point. Click. Produce.

NUFIRE™ Software

Puts you in control, with ease.



1. Create waveform
2. Send waveform to laser
3. Start manufacturing

Boost your productivity



光技術をサポートする

株式会社オプトサイエンス

<http://www.optoscience.com>

NuFIRE's intuitive Windows™-based software interface is designed to simplify operation and make method development accessible for experts and non-engineers alike. The software's intuitive visual representation of NuFIRE's laser behavior makes for shorter set-up times and streamlines the work that leads to maximum manufacturing productivity. The software ships with every NuFIRE fiber laser system.

NuFIRE Software is freeware. Try it out today.
Download from www.nufern.com/nufire

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In just a few simple steps, NuFIRE Software lets you get your production up and running

Step 1: Click & drag to create waveform

Through an intuitive interface, use the mouse to position control points that define your waveform

Step 2: Send waveform to the laser

Waveforms are stored in the laser, where they can be recalled, modified, or assigned individual function triggers to maximize throughput—no mid-run uploading

Step 3: Initiate & monitor fabrication

The interface's simple gauges and tables keep you up-to-the-moment on the laser's operating parameters throughout production

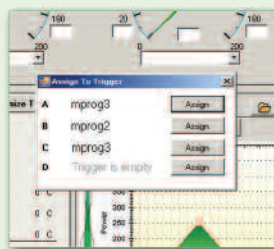
Simplicity combines with robust features to get your job done fast & accurately

Gauges for key parameters



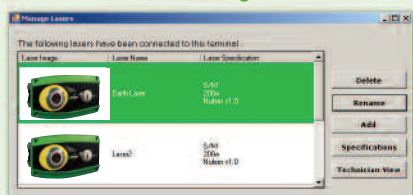
- Rich array of tools for near real-time system monitoring
- Key operating parameters reflected in speedometer-style gauges
- Specify which data occupies each gauge; customize range of values monitored by a gauge
- Place optimal values at the 12:00 position, or “zoom in” on up to three different sub-ranges of the same statistic

Assign to trigger dialog



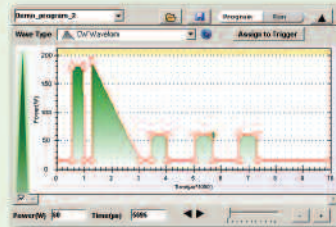
- Maximize throughput with time- and labor-saving productivity tools
- Create unlimited number of programs; save to hard drive for later use
- Assign each waveform to a different on-board function trigger
- Eliminate the need to upload additional programs during production run

Manage lasers window



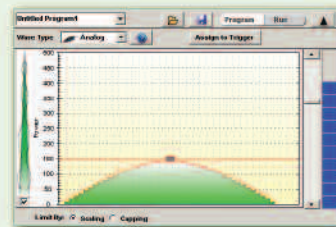
- Monitor multiple connected lasers on a single screen, or program each in turn
- View complete operations log or enter a Technician view to examine the guts of the laser in its full complexity

CW waveform programming



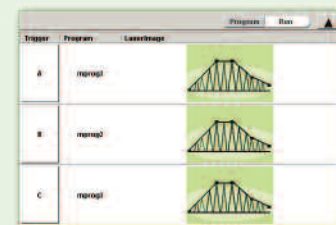
- The industry's most sophisticated visual waveform generator
- Move, scale or duplicate entire sections of a waveform at once
- Choose to enhance or suppress laser's initial pulse
- Zoom in to microsecond scale, or out to millisecond scale

Analog follower programming



- Four programming modes, allowing for the creation of programs that range from simple to complex
- Clear, intuitive visuals for ease of use

View/manage all triggers



- Efficiently save group of related programs as a set, to be re-loaded to laser all at once
- View currently loaded programs on a single screen

System Requirements:

- Nufern® NuFIRE™ laser, or another laser system with compatible CPU
- Microsoft® Windows™ 2000
- 1024 x 768 monitor resolution
- Ethernet port
- Internet connection required for automatic software updates
- Minimum RAM: 256 MB RAM (512 MB recommended) for Windows XP™ or earlier, 512 MB RAM (1 GB recommended) for Windows Vista™

- Minimum processor: Intel® Pentium® 4, Intel® Centrino®, Intel® Xeon®, or Intel® Core™ Duo (or compatible) processor
- Minimum available hard disk space: 5 MB (Additional space required for programs and log files generated during operation.)

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