

Waveform Editable System

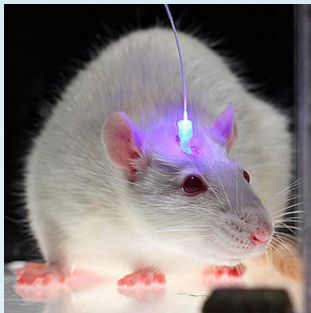
CNI developed the laser light source with freely edited waveform. The model is fiber coupled with high stability, easy for operation. It can be used in optogenetics, biomedical and other applications that require laser modulation output.

In traditional optogenetics system construction, the experimental system is complicated to set up, the conditions cannot be precisely controlled and the maintenance of the experimental system is difficult.

This new model integrates the self-developed ultra-stable laser light source, high-precision light source control system, intelligent human-computer interaction interface, human eye safety protection and other functions, which greatly simplifies the construction difficulty of optogenetics system.



◆ Product Features



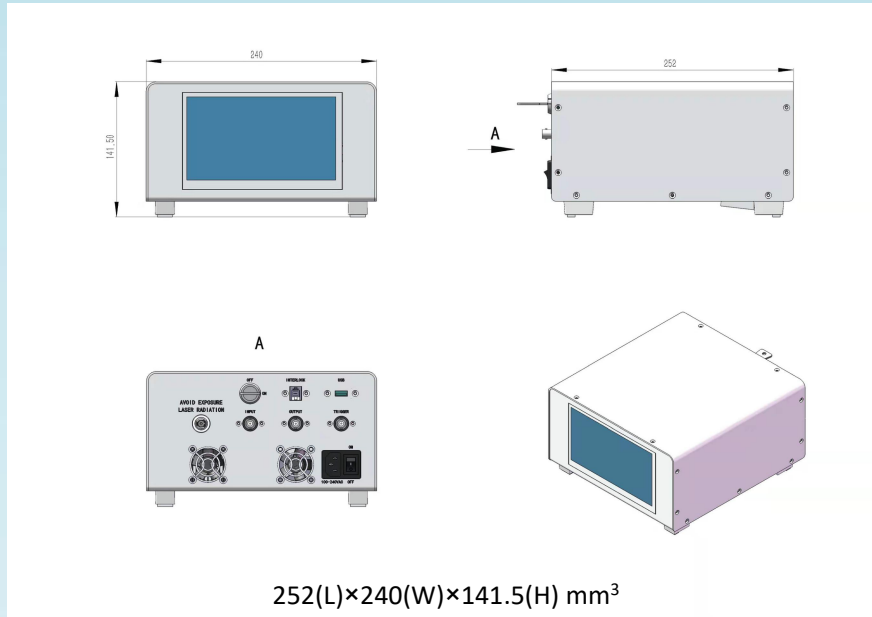
- Integrated system with lasers, controller
- Intelligent human-computer interface
- Fiber interface docking detection, human eye protect
- High power stability<0.5%
- Support external trigger signal
- Waveform editable
- Synchronizing signal output
- USB port for program update and reading data
- Wavelength customized
- Angleadjustable, easy for experimental

◆ Technical Specifications

Available	465nm, 473nm, 589nm, 594nm (others available upon request)
Power variable range	0-100mW
Power adjustable step length	0.1mW
Laser delay time	1-9999999ms
Laser on time	1-9999999ms
Laser off time	1-9999999ms
Power stability	<0.5%(4h rms)
Connector type	SMA905
Synchronizing signal port	BNC
External signal port (Trigger)	BNC
Custom signal input port (Input)	BNC
Warm-up time	5min
Dimension (mm)	252×240×141.5(L×W×H)

CNI LASER: Complete Solution for Laser Technology!

◆ Dimension



◆ Optional Accessories



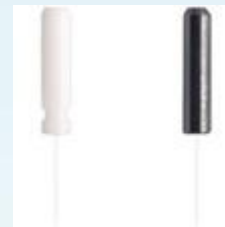
Fiber Patch Cables(can be customized with 1-to-2 or 1-to-multiple type)



Rotary Joint



Sleeve



Fiber optic cannula

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