ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Analog Modules 8800D-5-300-200-D* at our website: *Click HERE*

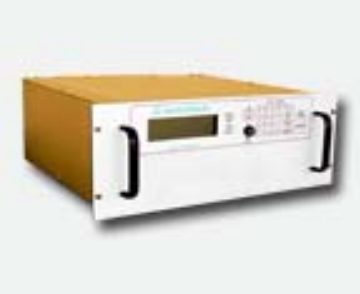
ANALOG MODULES, INC.

a HEICO company

MODEL 8800D
HIGH POWER
LASER DIODE CONTROLLER

HIGH POWER PULSED LASER DIODE CONTROLLER

- **MICROPROCESSOR CONTROL**
- **OUTPUT CURRENT UP TO 300 AMPS PULSED**
- **DIODE VOLTAGE – UP TO 280 VDC**
- **VARIABLE PULSEWIDTH 50μs TO 5ms**
- **MULTIPLE CONFIGURATION STORAGE**
- **RS232 PORT FOR REMOTE CONTROL**



DESCRIPTION:

The ***Model 8800D*** laser diode controller provides pulsed output current to drive laser diodes for pumping solid-state lasers. An internal microprocessor provides the flexibility and convenience of software control and the system status is presented on an easy-to-read LCD graphics display. The Model 8800D can be configured with one or two power modules for up to 2.8kW of output power Protection features of the 8800D include an adjustable precision current limit which protects the laser diode from exceeding its maximum rating.

SPECIFICATIONS:

Input	198-253VAC 1∅, 50/60Hz
Output	
Current	Up to 300A pk
Risetime	≤10μs
Diode Voltage	Up to 280V
Pulsewidth	<100μs to >5ms (load dependent)
Pulsed Repetition Frequency	<1Hz to 1kHz
Protection	Transient suppression, fast reverse polarity diodes and hardware and software limits for peak current, PRF and pulsewidth.
Status Indicators	System status displayed on LCD Power On LED High Voltage LED

Size	
Front Panel	7.0” x 19.0”
Chassis	6.5” x 17.0” x 17.0”
Weight	35 lbs.
Standard Features	Microprocessor Control RS232 port Menu driven interface Adjustable delays, Q-Switch trigger Low inductance output cable Fast reverse polarity output diodes Floating output Operating Manual
Optional Accessories	Custom Software 1.4kW or 2.8kW

ISO Certified 9001:2000

Specifications subject to change without notice.

Contact our applications staff for detailed information.

APPLICATIONS:

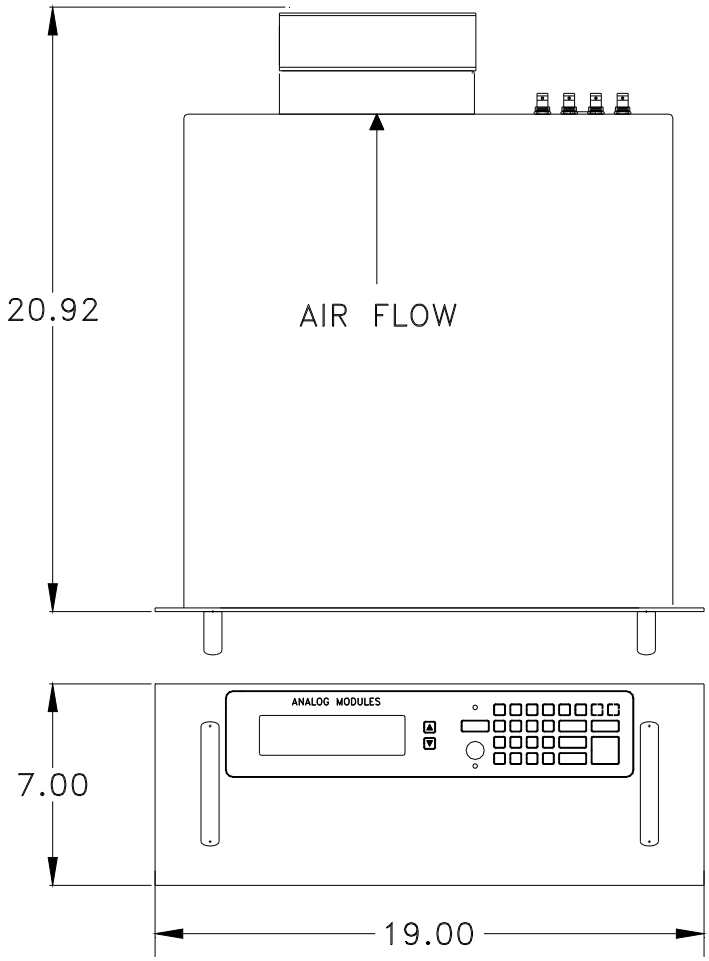
Solid-State Laser Control where Pulsed Laser Diode Pumping is Required

126 BAYWOOD AVENUE ♦ LONGWOOD, FLORIDA 32750-3426 ♦ USA
(407) 339-4355 ♦ FAX (407) 834-3806 ♦ E-mail: ami@analogmodules.com
www.analogmodules.com

OPERATING MAXIMUMS	MODEL 8800D					
	8800D-5				8800D-10	
	-40	-100	-200	-300	-200	-300
Max. Diode Load	30V	80V	180V	280V	180V	280V
Max. Power Pulsed at 100A (Add -100 to part number)	1.0kW	1.4kW	1.4kW	1.4kW	2.8kW	2.8kW
Max. Power Pulsed at 200A (Add -200 to part number)	700W	1.2kW	1.2kW	1.2kW	2.4kW	2.4kW
Max. Power Pulsed at 300A (Add -300 to part number)	500W	1.2kW	1.2kW	1.2kW	2.4kW	2.4kW

Typical Part Number: ***8800D-10-200-300-D =***

Power Supply:	2.4kW
Compliance Voltage:	180V
Maximum Pulsed Current:	300A
Input Voltage:	198-253VAC,1∅



Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP