

## KALD-20-10 Flashlamp Laser Driver

The KALD flashlamp laser driver is a high energy, high voltage flashlamp driver that is optimized for laboratory, medical, or industrial use. The 3U rack mount package provides a 4.3" touchscreen that allows for easy input of parameters and navigation of system menus. The FPGA controller allows for high-speed control of internal circuitry while providing accurate data recording of the onboard current sensor. The system is rated for 2kW and can go to voltages as high as 1.5 kV. An internal current sensor provides accurate input energy reading while also providing safety features for overcurrent and short circuit conditions. The driver also provides numerous interrupts and inputs so that it can be adapted to numerous situations.



### 1000V, 2000W Flashlamp Driver with 4.3" Touchscreen

#### in 3U Rack Mount Case

#### Standard Specifications

<u>Parameter</u>	<u>Nominal</u>
Output Power	2000 Watts
Max Voltage	1000 V (1500V available)
Capacitance	3300 $\mu$ F
Pulse Width	50 $\mu$ S - 4 mS
Frequency	0.1 - 30 Hz (higher upon request)
Case Size	3U x 24 inches
Touchscreen Size	4.3 inches
Outputs :	6 BNC 1 MHV 1 DB25 5V out Capacitor Voltage Current Ext Trigger Interlock Delay output
HV Cable Length	10 Feet (longer by request)
AC Requirement	13 A @ 220 VAC