## **Voltex HeNe Laser Power Supply**

## Model T-50



The Voltex T-50 was designed to operate the large HeNe's that require 4500 to 5500 V at up to 11 mA of filtered, regulated DC. Proprietary circuitry provides very high conversion efficiency for cool, reliable operation. This power supply:

- Operates most of the "large" HeNe lasers.
- Has selectable 115 VAC or 230 VAC input.
- Delivers > 85% conversion efficiency for cool operation and long life.
- At 1-3/8" X 2-3/8" X 7", occupies only 23 cubic inches.
- Has an internal bleed-down resistor to reduce shock hazard.
- Complies with IEC 950, EN 60950, and VDE 0805 standards.
- Has a full 18-month warranty.

For further information, pricing and delivery, please contact:

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# **T-50 SPECIFICATIONS**

### Input:

Input Volts:	115 or 230 VAC +/-10%. 50/60 Hz
Input Current:	<.75 Amps at 115VAC, <.4 A at 230VAC*
Lead Length:	12" minimum (304mm)

#### **Output:**

Voltage:	4500-5500 VDC
Current:	9 - 11 mA. User adjustable
Start Voltage:	> 16 KV
Output Current Ripple:	< 2% P - P (< 2% RMS) **
Output Fault Protection:	Open, Short, Arc
Conversion Efficiency:	> 85%
CDRH Delay:	3-5 seconds. (Cut violet loop to disable)
Output Connector:	Flying leads or Alden style, high voltage
Dimensions:	1-3/8" X 2-3/8" X 7"

- \* Input Current varies with line and load.
- \*\* Measured current ripple will vary with type of laser and current setting.



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