Model "LDCU" LASER SYSTEM INSTRUCTIONS

A 120VAC wall transformer supplies the required input voltage to the LDCU unit. Plug the wall transformer into the LDCU and then into the wall. The output voltage of the LDCU varies according to the laser head ordered. A label on the back of the unit states the output voltage.

Operation: The system is equipped with a key switch located on the front panel. This is used by the customer to activate and deactivate the laser. A 5-second delay will begin after turning the key switch to the 'ON' position. When the key switch is activated the emissions indicator on the front panel will come on. The laser system will be 'OFF' when the key is in the vertical position.

Caution: The LDCU is a certified laser system only when used with an appropriate laser head which has the appropriate labels and beam blocker installed. Do not operate laser without the LDCU. Use of controls or adjustment or performance of procedures other than those specified herein may result in hazardous radiation exposure.

If the laser system is 5mW or above, the laser head is equipped with a beam blocker to prevent unwanted emissions. This is not required for laser systems less than 5mW. To prevent emissions slide the beam-blocking tab toward the inside of the laser head. To allow emissions slide the beam-blocking tab toward the outside of the laser head.

An interlock is provided on the back of the LDCU power supply. The laser system will not operate without the interlock installed.

Service and maintenance should be performed only at the factory.

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