

IMPORTANT USER SAFETY INFORMATION –DO NOT DISCARD

1. General warning in the event of a hazard

- Do not position this product in such a manner that would make it difficult to disconnect the power cord.
- Position the equipment so that access to the mains disconnect On/Off switch is readily available.
- Turn the switch in the back of controller to OFF position to turn power OFF to the internal electronic.
- Fully disconnect the power cord of the controller from MAIN power.

2. Grounding and Powering the Laser system

- Verify that the line voltage setting on the rear of the Model TLB-6600 Controller matching your Mains Power.
- To avoid electronic shock, connect the instrument to property earth-ground, 3-prong receptacles by using the proper power cord specific to the country where used. Failure to observe this precaution can result in fire, severe injury or death.

3. General warning and precaution

- Do not block the rear panel of the controller. Ensure a minimum clearance of 30” for adequate ventilation of the device.
- Do not attempt to operate this equipment if there is evidence of shipping damage or you suspect the unit is damaged.

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4. Safety Precautions

- **Definitions and Symbols:** The following terms and symbols are used in this documentation and appear on the Model TLB-6600 Venturi™ Swept-Wavelength Tunable Laser where safety-related issues occur. These labels appear on the chassis and are explained in the User's manual.
- **Aperture Label:** appears on the front of the chassis; shows where the laser light travels and to determine the nature of a potential hazard to eye contact. **VISIBLE AND INVISIBLE LASER RADIATION IS EMITTED FROM THIS APERTURE.**
- **Warning Label:** appears on the back of the chassis; shows the different wavelength laser heads and the output power from that Laser Head and potential hazard if direct exposure to beam. **VISIBLE AND INVISIBLE LASER RADIATION AVOID EXPOSURE TO BEAM CLASS 3B LASER PRODUCT.**
- **High Voltage Label:** appears on the back of the chassis; determines the nature of a potential hazard from dangerous voltage. Any mishandling could result in irreparable damage to the equipment, and personal injury or death.
- **Caution! Hazard:** shows that document needs to be consulted to determine the nature of a potential hazard, and any actions that have to be taken.
- This Laser provides Maximum Output Power 8dBm or 6mW in continuous sweep mode or fixed wavelength modes.
- The Fiber Coupling Cap shall always close to avoid dust and eye contact when not in use.
- **Laser Remotes safety Interlock:** BNC connector. For use with external safety systems. Laser will not operate if the interlock circuit is open.

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| Environment Specification | |
| Voltage Requirements | 100-240 VAC, 50-60Hz |
| Size (H x W x D) [in. (mm)] | 5.51 (140.0) x 17.71 (450.0) x 17.32 (440.0) |
| Mainframe Weight [lb (Kg)] | 16 (7.25) |
| Operating Temperature | 10°C to 40°C (<90% humidity non-condensing) |
| Storage Temperature | 0°C to + 50°C (<90% humidity non-condensing) |
| Relative Humidity, Storage | <90% humidity non-condensing |
| Altitude | <3000 meters (10000 feet) |
| Installation Category | II |
| Pollution Degree | 2 |
| Use Location | Indoor use only |

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Caution to Customers:

- The Power Rating on Power Supply is CE compliance.
- The Power Rating on the chassis is reserved for other Power Supply Models.

Inspection for Damage

- The Model TLB-6600 Tunable Diode Laser is carefully packaged at the factory to minimize the possibility of damage during shipping. Inspect the box for external signs of damage or mishandling. Inspect the contents for damage. If there is visible damage to the instrument upon receipt, inform New Focus immediately. Carefully open the box and save the shipping material for later use.
- Your TLB-6600 Laser has been designed to provide years of trouble-free operation. Virtually no maintenance is required except for ensuring that the units is not damaged, contaminated, or used in an unsafe manner.

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