

Read carefully before using the unit

**We thank you for choosing the Laser Guide Light from FP Industries.
Warning, Precautions and Instructions**

Laser products manufactured by FP Industries comply with 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice No. 50, dated July 26, 2001.

CAUTION -- use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Safety Considerations

- A. For the user safety and to avoid risks of eye injury, you should position the laser in such a way that the laser beam does not cross the operators working area
- B. **Never** look directly at the laser beam and wear appropriate eye protection.
- C. Appropriate laser warning signs should be placed in the working area to warn workers and visitors of the presence of lasers. (See descriptions of the power and frequency of the laser light indicated on the unit.)
- D. Always use caution when working with or around lasers.

All of our products fall into one of the following classes :

Class II - Caution

Visible laser light of lower than 1.0 mW. Considered eye-safe, normal exposure to this type of beam will not cause permanent damage to the retina. When exposed to this level of laser light, the blinking reflex of the human eye is fast enough to avoid any damage. A Class II safety rating is considered eye-safe, but can be hazardous if there is direct long-term ocular exposure (> 1000 seconds). Any Class II-rated laser product can be installed on the shop floor with a minimum of concerns.

Class IIIa - Danger

Visible laser light between 1.0 and 5.0 mW. Considered eye-safe with caution, but may present a greater hazard if viewed using collecting optics. Focusing of this light into the eye could cause eye damage.

A warning logotype is affixed to each laser product, according to its class and wavelength.



To receive The Laser Safety Guide, please contact FP Industries or order at the address below :
 Laser Institute of America, 13501 Ingenuity Drive, Suite 128, Orlando, Florida 32826

Maintenance and service

This laser guide light is an electronic instrument. Do not attempt to open it or touch the internal circuits. There are no serviceable parts inside the casing. The casing is sealed to keep dust from accumulating on the optic components. Return to the manufacturer for service.

CAUTION - Always turn laser unit off before attempting any maintenance procedure.

- A. Regularly clean the ventilation slots, if any, located at the front of the unit to assure proper ventilation. Use a soft brush or light air jet.
- B. Clean the front protection glass with a soft cloth and without solvent.
- C. Shut off the unit when not in use. This will reduce risk of accidental exposure and insure a longer life of the laser diode.

Warning and precautions

- A. Do not expose to temperatures below 5° C or above 30°C .
- B. Protect against excessive humidity.
- C. Assure an adequate air circulation to avoid overheating the internal components. The laser diode will have a longer life if located in a well-ventilated area.
- D. The power transformer must be plugged in a standard 110V, 60 Hz outlet with a constant voltage. For the 12vDC and 24vDC, make sure that the voltage is DC and that the polarities are respected.
- E. Do not unplug the connection directly behind the unit when the light is on. This may cause a short-circuit and damage the transformer if applicable.
- F. Protect the laser from excessive vibrations.
- G. Provide diffused lower intensity lighting in the work area of the laser to maximize performance. The floor and walls in the laser work area should be darker colors to avoid reflections. Place the laser behind the operator so that the light is parallel with his line of vision.
- H. Keep the original box and packaging materials in case you have to ship the unit.

The terms of our warranty

The FP lasers have a limited lifetime warranty, except for the diodes: an 24 month warranty on models MLM,MLC,MMG,MLG; a 6 month warranty on models MPG,MLF,MLD and MLP.

The guarantee is voided for:

Damage caused by abuse, negligence, accidents, improper uses, modifications to the unit and damage caused in shipping. Removal or alterations to the serial number. Modifications, alterations or repairs done to the unit by persons not approved by FP Industries. Damages caused by not following the instructions described herein.

Exclusions

The responsibilities of FP Industries are limited to the repair or replacement of defective units according to it's judgement. FP Industries is not responsible for foreseen or unforeseen losses of use of the laser units, loss of time and any other losses incurred from the malfunction of the units. FP Industries reserves the right to refuse to approve repairs as per the conditions of this guarantee.

How to obtain service

FP Industries will assume material costs and most of the repair and labor costs covered by this guarantee upon presentation of the purchase invoice. FP Industries may, after examining the unit, assume only partial responsibility and will consequently invoice the customer for certain pieces. The customer must keep the original packaging to ship the unit. The customer is responsible for transport arrangements and costs. For repair, the customer must call his local distributor to obtain a return number (RMA), which must be indicated on the returned package. Units will not be accepted without the return number indicated on the package. Ship to the following address: FP Industries, 102 route 185 Nord, Cabano, Québec, Canada, G0L 1E0.

This limited warranty prevails over all other warranties published by FP Industries. FPI does not authorize anyone to assume obligations and responsibilities in its name other than those indicated in this document.

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