



INDICATOR LAMPS and LAMP KITS

Bulbs and LEDs that show Laser Status

Lee Laser uses a variety of indicator lamps and LEDs to show a laser's operational status. These indicators may be found at the following locations:

1. on the front panels of the Power Station cabinet (Lamp Power Supply and the Q-switch Driver)
2. on the Shutter Assembly of the optical resonator
3. on the output end of the Dust Enclosure for the Optical Assembly manufactured only by Lee Laser (*)

Lasers Manufactured Prior to 1997

The following table lists the Lee Laser part numbers and locations of each indicator on all laser models that were manufactured prior to 1997.

<u>Part No.</u>	<u>Used On</u>	<u>Used For</u>
120020 (red)	Shutter Assy Lamp Supply:	Shutter "OPEN" status LOW WATER RESISTIVITY LOW WATER LEVEL WATER TEMP WATER FLOW DOORS
120021 (amber) 120022 (clear)	Shutter Assy: Q-Sw Supply: Lamp Supply:	Emission Indicator POWER ON/OFF ON OFF LAMP START EMISSION INDICATOR
120023 (red)	Q-Sw Supply	OVER TEMP HIGH VSWR HIGH POWER LOW POWER
120190 (clear)	Dust Enclosure *	Shutter "OPEN" Status (red cap)
120191 (clear)	Dust Enclosure *	Emission Indicator (amber cap)

Lasers Manufactured 1997 and Later

In 1997, most of the indicator lamps on the front panels of the Power Station cabinet were replaced by long-life LEDs. Only the following lamps will require periodic replacement:

<u>Part No.</u>	<u>Used On</u>	<u>Used For</u>
120020 (red)	Shutter Assy	Shutter "OPEN" status
120021 (amber)	Shutter Assy:	Emission Indicator
120022 (clear)	Lamp Supply:	LAMP START EMISSION INDICATOR
120190 (clear)	Dust Enclosure *	Shutter "OPEN" Status (red cap)
120191 (clear)	Dust Enclosure *	Emission Indicator (amber cap)

Replacement Indicator Lamp Kits

The Replacement Lamp Kits contain a selection of indicator lamps used in the Series 600, Series 700 and Series 800 Nd:YAG Lasers. Two different kit configurations are available:

P/N 120027-001 for Series 700 and Series 800 CW (non-Q-switched) laser models manufactured prior to 1997, and all laser models manufactured from 1997

P/N 120027-002 for Series 700 and Series 800 Q-switched laser models, manufactured prior to 1997

Kit Contents:

<u>Kit P/N</u>	<u>Quantity</u>	<u>Part No.</u>
120027-001	4	120020 (red)
	2	120021 (amber)
	3	120022 (clear)
120027-002	4	120020 (red)
	2	120021 (amber)
	3	120022 (clear)
	3	120023 (red)

Operation of all indicator lamps should be checked as a part of your periodic scheduled routine maintenance.