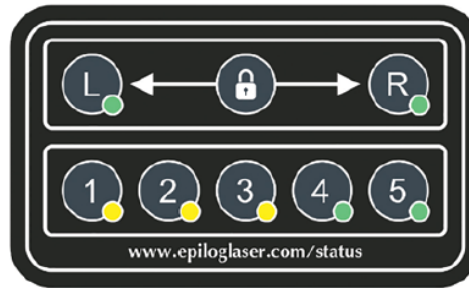


Safety Interlock / Laser Status Indicators



The Fusion M2 32 status indicators are located on top of the machine, to the right of the top cabinet door. Their markings, colors and functions are as follows:

L	Left-hand interlock status indicator (green LED). If the indicator is on (illuminated), the left-hand safety interlock switch is closed.
R	Right-hand interlock status indicator (green LED). If the indicator is on (illuminated), the right-hand safety interlock switch is closed.
1	Fiber Laser Control signal indicator (yellow LED). This indicator represents the modulation ON and OFF applied to the fiber laser when executing a job.
2	Fiber Laser Enable signal indicator (yellow LED). This indicator shows the Enable signal which must be present (along with Control and M_OSC) for the fiber laser to operate. This signal is derived from the right-hand interlock status.
3	Fiber Laser M_OSC signal indicator (yellow LED). This indicator shows the Master Oscillator signal which must be present (along with Control and Enable) for the fiber laser to operate. This signal is derived from an internal fiber laser select signal and the left-hand interlock.

4	CO2 Laser Control signal indicator (green LED). This indicator shows the modulation ON and OFF applied to the CO2 laser. It is gated by an internal CO2 laser select signal and by the right-hand interlock.
5	CO2 Laser Enable signal indicator (green LED). This indicator shows the Enable signal which must be present (along with the Control signal) for the CO2 laser to operate. It is derived from the left-hand interlock.