

continuous wave (CW) laser

CW operation of a laser means that the laser is continuously pumped and continuously emits electromagnetic radiation. The emission can occur in a single cavity mode or on multiple modes.

Note:

Some lasers are called CW mode-locked. This indicates that the pulse average power is constant, i.e., there is no Q-switched mode locking.

Source:

PAC, 2007, 79, 293 (*Glossary of terms used in photochemistry, 3rd edition (IUPAC Recommendations 2006)*) on page 318