

Laser

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An acronym of light amplification by stimulated emission of radiation. A device that emits UV to infra red electromagnetic energy, that is a nearly parallel, nearly monochromatic and coherent beam of light of very restricted diameter formed by causing exiting atoms to radiate their energy in phase. Laser systems have been used in gemology specially to improve the clarity grade of diamonds by laser drilling technique. Small portable laser device are filled with noble gases such as neon, argon, krypton, sometimes carbon oxide. Frequently cadmium is mixed with noble gases.

See Alexandrite Tsarstone collectors guide, Definition of Laser, <http://www.alexandrite.net/viewpage.html?id=GG-097-00003> (An acronym of light amplification by stimulated emission of radiation. A device that emits UV to infra red electromagnetic energy, that is a nearly parallel, nearly monochromatic and coherent beam of light of very restricted diameter formed by causing exiting atoms to radiate their energy in phase. Laser systems have been used in gemology specially to improve the clarity grade of diamonds by laser drilling technique. Small portable laser device are filled with noble gases such as neon, argon, krypton, sometimes carbon oxide. Frequently cadmium is mixed with noble gases.) (as of).