



Q-Switched Ruby Laser(RubyStar)

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■Abstract

Q-switched Ruby Laser produces 694nm wavelength using ruby as a medium. It is widely used in the field of dermatology since 1980. The absorption level of melanin by Ruby laser is 10 times higher than Nd:YAG or Alexandrite lasers. Ruby laser gives less thermal damage to normal blood vessels and adjacent tissues, so it enables the ideal removal of pigments and tattoos. Besides, RubyStar adopts fractional hand piece with faster frequency up to 2Hz. More detailed information of Q-switched ruby laser will be reported through Rubystar, Korea's first commercialized ruby laser system.