

EOS QS

Nd:YAG Q-switched laser with optic fiber delivery

- ✓ system with two temporal regimes: Q-switch and Short Free Running
 - ✓ Beam delivery through fiber optic
 - ✓ Compact and versatile laser



MORE VERSATILITY

EOS QS continues the research for systems with two possible pulse durations that are therefore more flexible and usable in many different cleaning applications. This system combines a Short Free Running regime (pulses from 30 to 110 μ s) with a Q-Switch pulse (duration 15ns), and energy output up to 140 mJ. The system is compact and lightweight and the beam delivery through a 1200 μ m optical fiber allows freedom of movement and ease of use.

Thanks to this versatility EOS QS allows the cleaning of **stones, metals, wood, gilt objects, frescoes and painted surfaces.**

TECHNICAL SPECIFICATIONS

Wavelength	1064 nm
Pulse duration	SFR mode: 30-100 μ s, QS mode: 15ns
Max energy per pulse	SFR mode: 1J; QS mode: 140 mJ
Repetition rate	Selectable: single pulse, 1 ÷ 10Hz, 15Hz, 20Hz
Spot	1.5 - 6 mm
Beam delivery	1200 μ m optic fiber, 3m long
Handpiece	Variable focus
Beam profile	homogeneous
Aiming beam	Laser diode 3 mW (635 nm)
Power supply	230V – 50/60 Hz – 8.5A
Dimensions	23x65x68 cm
Weight	40 Kg
Laser shutter	Controlled by footswitch
Cooling circuit	Water/air

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