



LASER EOS COMBO

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This versatility allows the processing of a wide range of materials, including stone, metal, murals, wood, and ceramics. The system has been tested under the most demanding field conditions and demonstrates high reliability thanks to its sealed laser head. Utilizing new optical fibers, the **Eos Combo** combines manageability and performance, providing conservators with optimized cost-efficiency and results.

KEY FEATURES

- The most versatile system on the market
- Two temporal regimes for effective application on any material
- User-friendly, high-performance optical fibers



TECHNICAL SPECIFICATIONS

- Wavelength: 1064 nm
- Pulse Duration:
 - SFR mode: 30 – 110 μ s
 - LQS mode: 100 ns
- Maximum Energy per Pulse:
 - SFR mode: 2 J
 - LQS mode: 150 mJ
- Energy Settings:
 - SFR mode: 200 – 1400 mJ (in 100 mJ steps), selectable at 1600, 1800, 2000 mJ
 - LQS mode: 150 mJ (1 pulse), 300 mJ (2 pulses), 450 mJ (3 pulses)
- Repetition Rate: Single shot, selectable 1 – 10 Hz, 15 Hz, 20 Hz, 30 Hz
- Spot Size: 2.5 – 6 mm
- Beam Delivery: Two 1000 μ m optical fibers, 3 m and 10 m in length; handpiece adjustable, focus guided
- Beam Profile: Homogeneous
- Targeting Beam: 3 mW diode laser (635 nm)
- Power Supply: 230 V – 50/60 Hz, 12 A
- Dimensions: 33 x 95 x 75 cm
- Weight: 80 kg
- Laser Trigger: Foot pedal controlled
- Cooling: Closed-circuit with air/liquid heat exchanger

Professional use only