

Thunder Compact

Extremely powerful and compact

Nd:YAG Q-Switched laser

for restoration

- ✓ Multiple wavelength emission at 1064 and 532 nm
 - ✓ Beam delivery with sealed articulated arm
 - ✓ Very compact and easy to operate
- ✓ Maximum output energies: 1J @ 1064nm; 500 mJ @ 532nm



LIGHT FOR ART

MORE POWER IN LESS SPACE

THUNDER COMPACT is the new product of Quanta System which follows the success of Thunder Art. This new laser system is still capable of delivering a maximum energy of 1 J at 1064 nm but its size has been significantly reduced to make the machine easier to be transported and lifted.

THUNDER COMPACT, despite having reduced dimensions, allows a quick and effective cleaning also of large surfaces. The system is suitable for the cleaning of **stuccos, wood, textiles, glass, stones** thanks also to the presence of both the infrared wavelength at 1064 nm and the visible light at 532 nm.

This system offers a modern and user-friendly touch screen interface and the possibility to choose between the footswitch and the fingerswitch to operate the laser.

Featuring such a wide range of wavelengths, Thunder Compact has been designed to provide laboratories with a reliable tool performing even more brilliantly.



TECHNICAL SPECIFICATIONS

Wavelength	1064 nm and 532 nm
Pulse duration	around 6 ns
Max energy per pulse	1 J @ 1064 nm, 500 mJ @ 532 nm
Repetition rate	1, 2, 5, 10, 20 (20Hz up to 500 mJ- 10 Hz from 500mJ to 1 J)
Spot	10 mm
Beam delivery	7-mirrors articulated arm
Handpiece	Fixed focus
Beam profile	Gaussian
Power supply	230V – 50/60 Hz – 10A
Dimensions	24 x 79 x 92 mm
Weight	60 Kg
Laser shutter	Controlled either by trigger on the handpiece or by footswitch
Cooling circuit	Water/air



Quanta System Q1
LASER IN OUR DNA



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