



Revitalize Art with Precision

THE LASER ART SYSTEM

This portable, cost-effective Nd:YAG laser is specifically designed for surface cleaning applications. With dual-wavelength emission and an integrated laser pointer, it offers precision and versatility, making it an ideal tool for the restoration and preservation of artworks. Its portability and affordability allow for seamless integration into conservation workflows, ensuring delicate surfaces are treated with care and accuracy.

1 YEAR
WARRANTY



TECHNICAL SPECIFICATION

- ✓ Pulse energy: Up to 940 mJ
- ✓ Pulse duration: 4 ns
- ✓ Repetition rate: Up to 10 Hz
- ✓ Wavelength: 1064 / 532 nm
- ✓ Delivery method: Handheld laser head
- ✓ Red laser pointer for targeting the treatment area
- ✓ High-power built-in water-cooling system
- ✓ 4 inch touch color screen
- ✓ Input power 600 W
- ✓ Voltage 110V, 60 Hz / 220V, 50Hz
- ✓ Dimensions: 50 x 60 x 40 cm
- ✓ Weight: 55 lbs

- ▶ **Q-Switch Regime:** Common laser systems use Q-Switch pulses lasting nanoseconds, widely used for surface cleaning.
- ▶ **Onteko's Burst-mode Micropulses:** Unlike traditional single pulses, Onteko's technology produces multiple 'micropulses' lasting 5-7 picoseconds, offering superior precision and control.
- ▶ **Reduced Heat Transfer:** This rapid pulse structure maintains pulse energy while minimizing heat transfer to the artwork, reducing potential impact on delicate surfaces.
- ▶ **Selective and Gentle Cleaning:** Micropulse technology ensures delicate, precise cleaning, preserving the integrity of valuable artworks.

LEARN MORE &
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