ADVANCED LASER RESTORATION®
THINK DIFFERENT. CLEAN DIFFERENT.

ESSENTIAL 500W
PULSED LASER CLEANING SYSTEM
ESSENTIAL SERIES



ESSENTIAL 500W
PULSED LASER CLEANING SYSTEM

A powerful, cost-effective pulsed laser cleaning system designed for professional restoration, surface preparation, and coating removal.

KEY SPECIFICATIONS

Laser Power:	500W
Pulse Energy:	15 mJ
Input Voltage:	110V
Wavelength:	1064 nm
Pulse Width:	30 – 500 ns
Frequency:	1 – 4,000 kHz
Spot Size:	200 µm
Standoff:	~8 in (200 mm)

AT A GLANCE

Model	Laser Power	Pulse Energy	Input Voltage	Wavelength
Essential 500W	500W	15 mJ	110V	1064 nm

ESSENTIAL SERIES – KEY FEATURES

- **Steel Frame Construction** — Rugged, durable, and built for professional use
- **Standard Metal Construction** — Industrial design for long-term reliability
- **Built-in Touchscreen** — Simple, intuitive operation
- **Front Cable Management** — Handy front coil for a clean, mobile setup
- **Professional-Grade Cooling** — High-efficiency system for continuous use
- **Portable & Mobile Design** — Rugged wheels for easy job site transport
- **Standard Laser Head** — Ergonomic and easy to use
- **Robot / Cobot Ready** — Compatible with two-wire integration
- **110V Power** — Runs on standard 110V for maximum flexibility
- **Essential Performance** — Professional results with a streamlined design

Advanced Laser Restoration
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Professional Laser Cleaning Systems for Restoration, Surface Preparation and More.