

Finishing Class Handheld Laser Cleaning System

The CleanTech[™] LPC-200CTH is a high performance, industrial-grade, fast, precise and incredibly productive laser cleaning tool. This portable CleanTech[™] system offers a non-abrasive cleaning process that is safer and more eco-friendly. It minimizes chemical and abrasive usage in industrial environments to meet increasing compliance demands that have arisen from new requirements from OSHA, EPA and other regulatory organizations. It operates without using dangerous chemicals, hazardous fumes, or requiring expensive, complex cleanup procedures. CleanTech[™] is the most cost effective, efficient and safe surface treatment solution for industrial applications like rust removal, paint stripping, mold cleaning, nuclear decontamination and surface preparation. CleanTech[™] Handheld Laser cleaning machines are Class IV laser instruments that incorporate additional safety measures for easy and safe operation across all industries and work environmentally conscious cleaning processes. The CleanTech Laser provides a versatile and easy to use industrial-grade laser cleaning machine that is eco-friendly, renewable and budget friendly.

APPLICATIONS			
Processes		Materials	
 Laser Finishing Laser Cleaning Paint Stripping Surface Texturing Surface Conditioning Pre-Adhesion Treatment Pre-weld Preparation Post weld Treatment 	 Degreasing Induced Surface Prep Rust & Corrosion Removal Precise Paint Removal Mold Cleaning Zinc Removal Anodization Removal 	 Steel Iron Ceramic Aluminum Brass Titanium Copper Conserts 	 CFRP Plastic Silicon Metal Alloys Cast Iron Carbide Chrome Calumniand Matals

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System Specifications

Model	LPC-200CTH
Power Output	200 W
Laser Safety Class	Class IV
Wavelength	1064 nm
Cable Length	3-5 m
Laser Pattern	5 Pattern Presets
User Interface	Touch Screen Panel 177.8mm x 228.6mm (7" x 9")
Operational Voltage	110V, 60Hz, 15A
Unit Head Weight	3.6 kg (8lb)
Operating Temperature	5-40°C Non-condensing
Cooling System	Air Cooling
Safety Features	Easy Access Kill Switch & Remote Interlock







Safety Considerations During Operation 1064 NM wavelength laser light emitted from this

1064 NM wavelength laser light emitted from this laser system is invisible and may be harmful to the human eye. Proper laser safety eyewear must be worn during operation.



Requirements beyond those listed herein will be quoted upon request. Contact Laser Photonics office or visit our website **www.laserphotonics.com** if you need any assistance determining which capabilities best suit your needs.

21 CFR 1040.10 Compliance

The product is a Class IV laser as designated by the CDRH and MEET the full requirements for a stand-alone laser system as defined by 21 CFR 1040.10 under the Radiation Control for Health and Safety Act of 1968. As an added level of security, a redundantly switched safety interlock system helps prevent accidental exposure to excess laser radiation. Plus, the system is equipped with an electrical power manual reset, a key-locked laser power switch and a remote interlock connector. Finally, the system has audible and visible emission indicators with five (5) second emission delay settings. All these features, in combination, constitute the laser radiation safety system, which allows the CleanTech[™] Series of equipment be used in a safe and secure manner.

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