

THEO

IT'S NOT
JUST A
**LASER
CLEANER**

THEO
TM-SERIES
HANDHELD
**LASER
CLEANER**



WWW.THEO.INC

IT'S A
**TIME
MACHINE**



BY **MAX** PHOTONICS

MAKE YESTERDAY LOOK NEW AGAIN

The THEO TM Series handheld laser cleaner blasts away rust, paint, and contaminants in seconds. No abrasives. No solvents. No post clean up. Portable, air-cooled, and built for precision, it restores surfaces to their original glory while keeping your team safe and your business moving fast.

Engineered by Maxphotonics, the world's leading fiber laser expert, the TM Series delivers the speed, safety, and reliability you need to turn back time on any job.

**It is not just a laser cleaner.
It is a time machine.**

THE LASER CLEANER THAT TURNS BACK TIME

When every second counts, the TM Series puts hours back on your clock. With scan speeds up to 30,000 mm/s and ultra-focused laser output, you control every pass with precision. Its reach gets into the tightest angles without disassembly. Less downtime. More jobs done in no time.

WHAT IS IT GOOD FOR?

- Rust and paint removal
- Surface preparation for coating
- Corrosion removal
- Pre-weld cleaning and preparation
- Post-weld treatment
- Surface conditioning
- Equipment degreasing
- Contaminant removal from hulls and propellers
- Marking & identification removal on marine components
- Anodization removal
- Oxide removal from metal surfaces



NO CHEMICALS



ECO-FRIENDLY



NON-ABRASIVE



OPERATOR SAFE



NO COMPLEX
CLEAN UP

COST EFFECTIVE

MAXIMUM SAFETY WITHOUT THE RISK

Sandblasting and chemical cleaning demand hazmat-level PPE, create hazardous waste, and put your crew at risk. The TM Series changes that. All you need is a fume extractor and proper PPE. It vaporizes contaminants on contact while the extractor draws away airborne particles. No toxic dust clouds. No chemical runoff.

BUILT-IN SAFEGUARDS

- SMART SHUT DOWN**
Laser fires only when aimed at the workpiece
- DUAL-CHANNEL INTERLOCKS**
Stops operation unless all safety conditions are met
- FIBER BREAKAGE DETECTION**
Constant monitoring with instant alerts and pinpoint diagnostics

SET UP. LOCK IN. GO.

Lightweight, mobile and user-friendly. The 10.4" touchscreen comes loaded with intuitive presets and the built-in distance meter locks your focal point instantly. Adjust settings from the handle without walking back to the machine. The 3 kg (6.6 lb) cleaning head keeps operators productive all day without fatigue.

SPECIFICATIONS

	TM 300	TM 500
Laser Power	300 W	500 W
Cooling		Air-cooled
Scan Speed		30,000 mm/s
Display	10.4" Touchscreen + 1.8" Handle Screen	
System Weight	~ 130 lbs / 58 kg	~ 132 lbs / 60 kg
Cleaning Head Weight		~ 6.6 lbs / 3 kg
Fiber Length		5 m (optional 8 m)
Wavelength		1064 nm
Power Supply	240V 50-60Hz 6A 1P + PE	240V 50-60Hz 7A 1P + PE
	120V 50-60Hz 11A 1P + PE	120V 50-60Hz 13A 1P + PE
Safety Features	Fiber Breakage Detection Distance Meter Mechanical Dual Channel Trigger Dual Interlocks 2 eStops Optional External eStop (PL-d certified)	



WHEREVER WORK GETS DONE FASTER. THEO IS THERE.

When you walk into your workshop, you know which tools you trust. The ones that never let you down. The ones that are fun to use. THEO is built to be one of them. Your sidekick to save time so you can scale your business smarter and industries move faster.

Behind THEO is Maxphotonics, a global leader in laser solutions since 2004. With over 200,000 units produced annually, Maxphotonics brings decades of engineering excellence to every THEO product.

When we launched THEO in 2023, our focus was clear. Innovation. Tools built for the real-world needs of modern professionals. Rooted in community. Driven by design. Obsessed with productivity. THEO is built for those who...



25cm
BEAM WIDTH

UP TO
1sqm
PER **MINUTE**
CLEANING SPEED



INTUITIVE
INTERFACE
10.4" TOUCH SCREEN



ADVANCED
SAFETY
FEATURES



BACK
REFLECTION
PROTECTION

INTER-
CHANGEABLE
LENSES



500W
MOPA
30µm
FIBER LASER



6
BEAM
SHAPES



TIME MACHINE



THEO
TM-SERIES
HANDHELD
LASER
CLEANER



AIR-COOLED
230/120V 16A

10-500ns
PULSE DURATION



WIDE
FREQUENCY
1-8000 kHz RANGE



MODE
SELECTION
ON GUN

UP TO
13mJ
PULSE ENERGY
50kW PEAK POWER

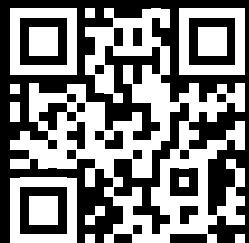
CERTIFIED QUALITY



REAL
TIME
VISUAL
DISTANCE
FEEDBACK

THEO

GET IN TOUCH



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