

LASER CLEANING SERVICE

CLEANING WITH LIGHT

Sinto Surface Tecmart delivers advanced laser cleaning solutions for a cleaner, safer, and more efficient future.



sinto SURFACE TECMART
for the Better



Efficient



Precise



Non-contact

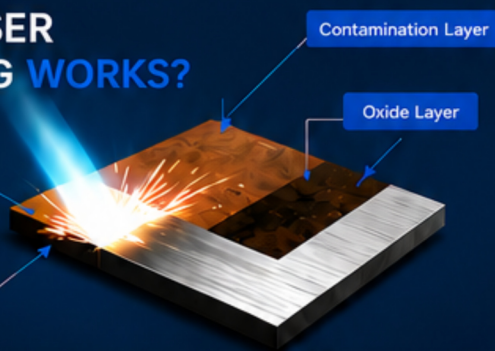


Eco-friendly

HOW LASER CLEANING WORKS?

LASER
CLEANING

MATERIAL

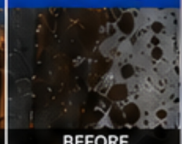
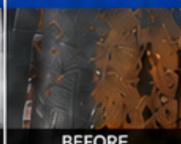


Rust Removal

Paint Removal

Oxide Removal

Oil Cleaning



BEFORE

BEFORE

BEFORE

BEFORE

AFTER

AFTER

AFTER

AFTER

FEATURE HIGHLIGHTS



COMPACT & PORTABLE

Compact size for easy portability.
Remote control operation via mobile device or computer.



REDUCED DOWNTIME

Speeds up maintenance and minimizes production interruptions.



NO CHEMICALS REQUIRED

Eliminates the need for chemicals or abrasive blasting media.



FLEXIBLE APPLICATIONS

Ideal for both on-site maintenance and in-house manufacturing processes.

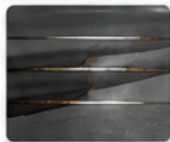
WIDE RANGE OF INDUSTRIAL APPLICATIONS



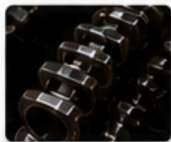
Rust Removal



Paint Removal



Weld Pre-cleaning



Oil Cleaning



Corrosion Cleaning



Mold Cleaning



Surface Treatment



Precision Parts

INDUSTRIAL APPLICATION

- ✓ Rust Removal
- ✓ Mold and Equipment Cleaning
- ✓ Aerospace, Marine, and Automotive Industries
- ✓ Power Plants and Heavy Industries
- ✓ Food Processing and Semiconductor Industries

ECO-FRIENDLY CLEANING FOR A BETTER TOMORROW

- ✓ No harmful chemicals
- ✓ Non-toxic and safe for operators
- ✓ Reduces waste and protects the environment
- ✓ Supports sustainable manufacturing





SPEED



SAFETY



ECO FRIENDLY



CONVENIENCE



COST SAVING

Product of Thailand



Specifications PRO120

Category	Indicator items	Parameter values
Laser	Laser type	MOPA pulsed fiber laser
	Average power	≥120W
	Peak power	≥8kW
	Frequency range	1kHz-4MHz
	Pulse width	5ns-500ns
Output head	Field mirror focal length	Standard F=254mm (can increase F=160mm, F=330mm)
	Marking area	≤120mm × 120mm @F=254mm
	Clean the spot pattern	Multiple patterns (line, rectangle, circle, ring, spiral, etc.)
	Marking accuracy	8 μRad
	Control & operation	LCD screen, button control, wireless (tablet)
	Output head weight	600g (without marking bracket)
Electric	Power supply	≥500W
	Power consumption	100VAC-240VAC, 50/60Hz
	Voltage	100VAC-240VAC
	Battery life	≥50min
	Charging time	≤150min
External communication	Control mode	IO/485
Device language	Supported languages	12 languages (Chinese, English, German, French, Japanese, Korean, Russian, Portuguese, Spanish, Arabic, Thai, Vietnamese)
Whole machine structure	Dimensions (L × W × H)	264 × 160 × 372 mm
	Weight	< 10kg
	Package size (L × W × H)	860 × 515 × 265 mm
	Gross weight	< 18kg

* Specifications are subject to change without notice.

Specifications 300T



Laser Power	300W	Scanning Speed	≤30000mm/s
Product Model	FW-300	Optical Connection Range	QCS Ø17
Voltage	AC 100-120V/200-240V	Wavelength Range	1070 ±20nm
Total Power	1500W	Field Lens	Standard F254 (F160 / F210 / F330 optional)
Laser Power	300W	Scanning Area	145 × 145 mm (max.)
Cooling System	Air Cooling	Aperture Size	Ø25
Laser Operating Modes	Pulsed Mode	Cleaning type	— ○ □ 180°
Fiber Cable Length	5 meters	Operating Temperature	5-40 °C
Laser Source Brand	JPT	Machine Dimensions	70*50*64 cm.
Laser Head Model	FWHS0-10A	Machine Weight	52 kg.
Beam Type	Single mode Gaussian light Multi-mode flat-top light, top hat		

