



# Laser Blaster 300-18

## Portable laser cleaning machine

The Laser Blaster 300A delivers the optimum cleaning power when it comes to portable laser cleaners. It is engineered to tackle the toughest contamination and coating removal tasks with the highest possible efficiency.

The machine boasts 300W cleaning power delivered to the handheld tool, giving the operator the best balance between strength and speed over any surface. Its refined beam allows a comfortable cleaning distance for the user and effectiveness over rough surface profiles of 2 cm without focus adjustment.

The machine is highly portable and weighs under 50kg. Powered by a conventional wall plug and being aircooled gives the user absolute freedom in use. Easily deployed across any worksite, in small workshops, building restorations, plane overhaul hangers, dry docks or on board and manufacturing sites.



### Best choice for

- ❖ Paint removal
- ❖ Rust removal
- ❖ Hull and deck maintenance
- ❖ Cleaning steel, aluminium and other metals
- ❖ Stonework whitening
- ❖ Art restoration
- ❖ Building conservation

### Specification

<b>Average Power Output (W)</b>	300
<b>Laser Source Type</b>	Fibre
<b>Central Wavelength (nm)</b>	1072
<b>Control Touchscreen size (inch)</b>	7
<b>Power Consumption at 20° (W)</b>	1300
<b>Max Energy per Pulse (mJ)</b>	1.8
<b>Beam Scan Width (mm)</b>	1-80
<b>Scan Speed (m/s)</b>	0-10
<b>Power Stability (% , 1σ)</b>	7
<b>Repetition Frequency (kHz)</b>	1-300
<b>Pulse Width (ns)</b>	10-350
<b>Working length at focus (mm)</b>	280
<b>Power Adjustment (%)</b>	1-100
<b>Operating Voltage (V-ac)</b>	200-230
<b>Case Dimensions (mm)</b>	L-540,W-190,H-490
<b>Weight, (kg)</b>	48
<b>Fibre Cable Conduit Length (m)</b>	3
<b>Cooling Method</b>	Air-fan
<b>Operating Temperature (°C)</b>	0-35
<b>Operating Humidity (%)</b>	0 to 80
<b>Storage Temperature (°C)</b>	-10 to +60
<b>Processing Tool</b>	Handheld

Lumpi Ltd may make improvements and/or changes to the products described herein at any time without notice.

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