

AOMarker – 500iv (CO₂)



Metal Cleaning



Plastic Marking



Cardboard Marking



Introduction

The AOMarker 500iv offers a compact workstation with a CO₂ laser and produces a laser with a wavelength of 10.6 micrometers. Because of this long wavelength, our CO₂ laser is applicable on most organic substrates as well as coated metals. It can also be used for many other applications including engraving and cutting wood, acrylic, glass, plastics, stone, coated metals, and others.

Specification

Item	Specs	
Model	500iv	500iv
Power (W)	30	60
Wavelength (nm)	10640	10640
Marking Area (mm)	3.94"x3.94" - 6.85"x6.85")	
Pulse Repetition Rate (kHz)	1-100	
Repetition Positioning Accuracy (uRad)	< 22	
Z Axis	Manual/ Motor	
Power Consumption (kW)	2	3
Power	110V/60Hz	
Cooling	Air	
Environment Temperature	0~40°C	
Software	Lightburn/ Ezcad	