

CA6052 Desktop Laser Marking System

Technical Specification V1.02

(Jan., 2012)



Description:

The CA Optronics Group Inc. CA6052 system delivers precision, non-impact marks on a variety of materials including metals and plastics. CA6052 laser marking systems offer a distinct advantage of a very short pulse width which minimizes the heat-affected zone while maximizing the contrast on the material being marked. With the ability to mark linear and elliptical text, bar-codes, 2D Data Matrices, QR codes, serial numbers, logos, and photo-quality graphics, the Economy system has the versatility to meet almost any marking application.

The CA Optronics Group Inc. CA6052 system Ultra-Compact End-Pumped YAG laser marker is a very cost effective, turnkey, high performance system for marking and engraving applications. Ideal for small scale production environments.

Features:

- 1 Year Warranty
- Air Cooled
- Easy to Integrate
- Stable performance
- No Consumables
- Compatible software
- Short pulse duration
- High peak power
- Easy to use
- High fine precise marking lines
- Environmentally Sealed Optics Chamber



CA 6052 Desk-Top Laser Marking System

Typical Specification:

Model #	CA6052
Laser Wavelength	1064
Laser peak power (Kw)	~30kW
Repetition frequency (KHz)	~10kHz
Marking area (mm)	70x70 / 110x110 or larger on request
Marking depth (mm)	≤0.5
Maximum marking line speed (mm/s)	7000
Minimum marking line width (mm)	≤0.02
Power consumption (kW)	≤0.3
Power requirement (VAC/50 Hz/60 Hz)	100 ~ 240 V
Dimensions (mm)	500 x 400 x 504
Pilot light	<5mW@635nm

Laser Marking Sample:



Special Logo



Gift Logo



Stainless



Food information



SN Number



Switch Logo



Plastic Keyboard



Engraving on iPad



IC Information

Contact Information

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Jan., 2012

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