

# Keepon Industrial Group

Tel: +86-(0)21-63271159, Fax: +86-(0)21-61198678, URL: <http://pack.keepongroup.com>, E-mail: [info@keepongroup.com](mailto:info@keepongroup.com)

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## Laser Marking Machine ==> Model: KP-CO2-H30W/50W

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**Description:** This KP-CO2 laser marking machine can marking on difference nonmetal material. The main laser parts as RF excited CO2 lasers and high speed scanner adopt US technical. The machine is easy control, and the design has been passed the letters patent by Chinese government.

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**Scope of application:** It's can marking on Nonmetal material, widely use in food packing, medical packing, beverage packing, tobacco packing, inebriant packing, construction material, ceramic, habiliment material, leather, arts crafts, rubber products, electronic components, DOS shell nameplate, PVC pipe and other many fields. It's better than the inkjet printer such as high efficiency, nontoxic, no pollution, and its fine impression for the advantages.

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### Machine Features:

1. High Precision, High speed, fine letterforms, easy control according to customers' requirements.
  2. No need for expendable, in focus marking, and it's not easy attired by other exogenous.
  3. Professional software supports on Windows XP system, Chinese/English interface, allowed the picture form as bmp, jpg, gif, tga, png, tif, etc...It's also can change the characters, reading and editing the text files and
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excel data while the machine is working.

4. With Ethernet network, USB、RS-232 for communication connection. It' s easy working with Production management system together.
5. Easy control, Super information memory Functions.

### Technical Specification:

Model	KP-CO2-H30W/50W
Voltage	AC220V、 50—60Hz,1kVA
Laser Power	30W、 50W ( CW/Plus )
Control System	High quality using, LMC1 laser Control, EzCad2.0 software.
Scope of application	70mm×70mm -110mm×110mm for (Normal)
Rows	Any rows according requirements in the scope of application above.
Speed	0~200m/minute (According to the contents and material)
Repeat Precision	±0.01mm□
Laser light-wave	10.57~10.6um
Min thread width	0.1mm□
Total Machine Power	≤500W
Character Size	0.4—110mm (Letter High)
Countermarking Mode	Volatile or Static State Countermarking
Marking Contents	Characters, Pictures, Self-motion number, Date Number for production, Period of validity, Batch Number, Transportation serial Number, Communication Data, and etc...
Letterform	TrueType, (Crewel)Letterform, Mongline Letterform (JSF) ,Lattice Letterform(DMF), and more than hundred letterforms for the bar code.
Cooling Mode	Wind Cooling.
<b>Working Condition :</b>	
Working Environment	Cleanness Environment
Environment Temperature	5~45℃
Relative Humidity	≤80% (Non-Coagulation)
Electromagnetism Condition	Working well in electromagnetism environment.