



高雄贸易有限公司

KAOH SIUNG TRADING SDN. BHD.



Laser Marking Machine

Laser marking system is new technology special designed for industrial product marking code data such as expiry date, batch numbers, and others products information.

Laser marking machines includes CO₂, Fiber and UV laser sources in different power outputs depending on the material and the quality requirement.

Laser marking machines can easily be integrated to any new or existing processes and common used in the fields of food and beverage, domestic electrical appliance, medicine and chemical industries. Laser marking is a cost-effective solution with ability to achieve high-speed marking while maintaining marking quality, permanent and less consumables.

CO₂ High Speed Laser Marking Machine - V Series

CO₂ Laser Marking Machine is new technology special designed for industrial product marking and engraving. CO₂ laser is a cost-effective solution with ability to achieve high-speed marking while maintaining marking quality, permanent and less consumables. CO₂ is widely used in food & beverage, medicine cosmetics industry and garment industry.

V Series Laser Marking Machine design is small and unique structure which is easy and simple to installation for different production line even on narrow space. Laser marking speed up to 12000m/min. The machine marking area is 90mm x 90mm with no characters limitation within the marking area. V Series design with Red light positioning and focusing system for precise settings and user-friendly operations. V Series laser marking system complete with flexible stand which is easy to adjust or setting focus point.

V300 Laser Marking Machine design with 10.6μm suitable for products such as Paper, Paper Box, Carton Box, Label, Glass and Some of plastic material. V300 is most common CO₂ laser and perfect suits to the majority of product.

V302 Laser Marking Machine design with 10.2μm suitable to marking on thin films and coloured laminated foil. Best Result can be expected on printed films and foils with ink layer on top.

V303 Laser Marking Machine design with 9.3μm perfect for PET bottle. 9.3μm Wave Length allows marking on plastic surface by smooth melting the surface layer without creating pinholes or cracking the inner structure.

Optional: a. Turning Head (High Precision 2-axis scanning system) b. Fume Extractor c. Available difference marking range lens



TECHNICAL DATA

MODEL	V300	V302	V303
Laser Type	Sealed-Off CO ₂ Laser		
Features / Marking Products	Paper, Paper Box, Carton Box, Label, Glass, Some of plastic material	Plastic Film, Plastic Bag, Laminated Paper Box	Pet Bottle
Laser Maximum Output Power	≤30W		
Laser Wave Length	10.6μm	10.2μm	9.3μm
Laser Source Expected Life	Approx. 45000 (Hours)		
Marking range:	90mm x 90mm (Standard); 450mm x 450mm (Max.)		
Marking speed	≤12000mm/s		
Cooling Mode	Air Cooling System		
Control Panel	7" Touch Screen Panel (build in)		
Operation System	WIN CE		
Positioning & Focus	Red Line Pointer for Positioning and Focusing		
Type of Marking Line	Dot Matrix or Vector Format		
Working Temperature	10C-40C		
Working Humidity	30%-85% RH (no-condensing)		
Voltage	1 Phase 220V		
Total Power	800W		
Machine Housing	Anodized Aluminium		
Machine Dimension (Laser Part)	730mm x 137mm x 192mm		
Laser Machine Weight (Laser Part)	25Kg		

