



# 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 CO<sub>2</sub>, 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.

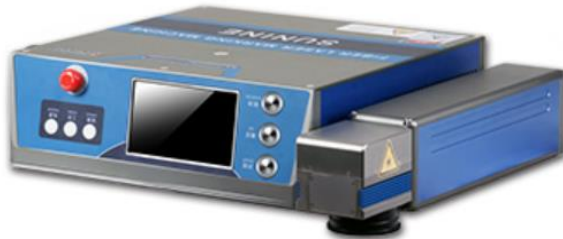
### High Speed Fiber Laser Marking Machines

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

D2000i Fiber Laser Marking Machines able to mark on Metal, Aluminium, Plastic, Aluminium film, PE, PP and etc. D2000i design is small and unique structure which is easy and simple to installation for different production line even on narrow space. High Speed marking up to 12000m/min. The machine marking area is 110mm x 110mm with no characters limitation within the marking area. D2000i software design using Red light positioning and focusing system.

D2000i laser marking system is powered by PLC controller and Touch Screen Panel for precise settings and user-friendly operations. D2000i laser marking system complete with flexible stand which is easy to adjust or setting focus point.

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



#### TECHNICAL DATA

MODEL	KST-D2000i
Voltage	1 Phase 240V
Total Power	600W
Features / Marking Products	Metal/ Aluminium/ Plastic/ Aluminium film/ PE/ PP
Laser Tube	China
Laser Maximum Output Power	≤20W
Laser Wave length	1064nm
Laser Source Expected Life	80000 - 100000 (Hours)
Working range:	110x110mm;
High Speed Galvanometer	China
Focus Zoom Lens (Length)	130mm
Marking type	Dot or vector
Marking speed	≤12000mm/s
Cooling Mode	Air Cooling
Control Panel	PLC controller and 7" Touch Screen Panel
Positioning & Focus	Red Line Pointer for Positioning and Focusing
Working Environment	External Temperature 10C-40C; <95% non-condensing humidity; No Vibration
Machine Structure	Aluminium
Machine Dimension (Laser Part)	410mm X 140mm X 430mm
Machine Weight	25Kgs