

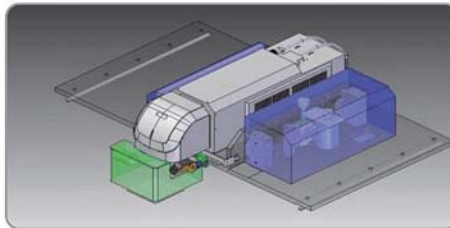


Setting the Standard LASER MARKING MACHINE

Customized Manufacturing & Semipermanent Marking Machine



- This product can be used semipermanently and possible to be printed various barcode (2D, 1D) and mark by using the laser of SUNX CO2. (Average Life is over 10 years)



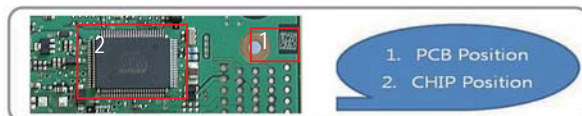
- Fast Tact Time : 7 second (Optimal - 2D, 400mm/sec)
- Check time : PCB in-put -> Marking -> PCB Out-put
- Conveyor Speed, Motion Speed Controller
- Economic Maintenance Cost

LP-40 Changing Cycle	Advantage(SUNX CO2 Laser Marking Head)
CO2 Change Cycle	100,000 hours(Avery Life : Over 10year) CO2 Laser Semipermanent Life

- Checking the marking barcode by Scanner and Camera(VISION)
- VISION(Optional)(1D/2D scanner)-Cognex, Microscan



- Marking the various height as well as a certain height of PCB and CHIP by using Z axis SERVO MOTOR.



- Dust Collector for the optimal environment - Removal smoke and smell by the special collecting method



LASER MARKING MACHINE

SPECIFICATION

MODEL	MACHINE DEMENSION (L ×W ×H)	Max. PCB (L ×W)	Min. PCB (L ×W)	Weight (kg)
ALMC-Y	1 080×1 520×1 520	440×330	50×60	750
ALMC-X	1 180×1 670×1 520	530×460	60×60	850

LASER MARKING MACHINE COMPARISON

Company Name	Maintenance Cost	System Type	PCB Clean	Main Spare Parts
YJLINK	Semipermanent Life	SMT AUTOMATIC LINE IN, OUT LINE System	o	Panasonic
A	Semipermanent Life	Manual Line type	x	Optical Fiber Laser
B	Semipermanent Life	Manual Line	x	Fiber
C	Cost for Changing Lamp ; \$11,000 per each 2 years	AutoMatic Line	x	Standard Laser

LASER MARKING MACHINE SPECIFICATION

Division	Contents
Model Name	LP-400 CO2 Series, Yag Servies
Marking Name	CO2 Lawer
Laser Out-put	10~30W
Wave Length	10,6#
Scan Speed	12,000mm/s
Response Line Speed	240m/min
Logo, Diagram	BMP /DXF /HPGL/JPEG
Character setting(Character Height, Width)	0.2~1 10mm (0.001mm Possible to Set Space)
Marking Space	0~110mm(0.001mm Possible to Set Space) Fan Shape ; -180° ~+180° (0.01° Possible to Set Space)
Character Arrangement	Straight Line, Proportion, Average Arrangement, Fan Shape
Character Sorts	English Capital Letter, English Small Letter, Number, Japanese(Catacana, Hiragana), Chinese Character, Mark, Business Register Number(Possible to set 50 sorts)
Bar Code	CODE39, CODE238, ITF, NW-7, JAN/UPC, RSS-14, RSS Limited, RSS Extended
2 dimensional Code	QR Code, Micro QR code, Data Matrix
Cooling System	Strong Air Cooled
Electronics Voltage	110~220V AC±10% or 200~240V AC±10% (Automatic transfer) 50/60HZ
Electronic Power Consumption(AC 100V)	1,000 VA
Electronic Power Consumption(AC 200V)	2,000 VA