iD·LASER

IDL-A

Laser Marking for ID Card

01 **Provide high security ID card.**
Providing a high security card which is difficult to counterfeit by using the laser beam.

02 **Cost performance.**
Consumables are cards only (no ink or ink ribbon required) Hence, high cost performance is achieved.

03 **The new laser oscillation method adopted (patent right pending).**
The new laser engine developed to miniaturization and reduce the price.

04 **Lower prices.**
Thorough review of expensive laser systems.
In addition, low cost has been realized by cost reduction design.

05 **High performance.**
Realizing high image quality and high-speed marking by using the laser control technology.

06 **World's smallest and energy-saving.**
The world's smallest as the laser marker for ID card.
And the Energy-saving design that can be operated with AC adapter first in the world.

07 **Option.**
Card reversing unit, Card dispenser

Laser Marker IDL-A Card reversing unit Card dispenser

IDL-A

Items	Specification
Marking method	Direct marking on card with laser beam
Type of laser	Fiber Laser
Laser wavelength	1064nm
Laser output	2.2W
Repetition frequency	20-60KHz
Cooling	Air cooling
Marking card	ISO CR-80-ISO 810 (JIS X6801) Resin card
Card size	ID-1 85.6mm×54.0mm thickness0.76mm
Resolution	600 dpi or more
Marking time	30 sec (with our standard pattern)
Function	2D codes such as micro characters and QR codes
Operating environment	Temperature 15℃-30℃ Humidity 20-80% (no condensation)
Size	W250mm H348mm D430mm
Weight	18.9kg
IF	USB 2.0
Power Source	AC adapter 100V to 240V AC 50/60Hz
The expendables	Laserable card (PVC,PET-G,PC)
Product safety	CE scheduled for 2020
Laser safety	IEC 60825-1:2014 Class 1
Environment	RoHS
Options	Card dispenser CD-1500 (Asahi Seiko)
	Card reversing machine IDL-RM
	MLI scheduled for 2021

The marking software comes with CardMark for IDL-A.
Please contact us for SDK etc.
In Japan, conforms to the Electrical Appliance and Material Safety Law.

Contact

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