All Lukiot machines are CE certified and comply with relevant European safety requirements including emergency stops and interlocked guarding.

DOD UV Printing System

This system is designed for encoding the magnetic cards and chip cards followed by DOD UV printer to print the corresponding variable data onto the cards.

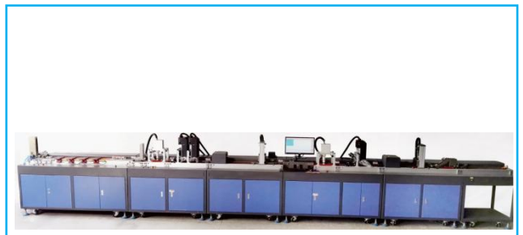
Tips

All Lukiot's DOD UV Printing system provides modularity and flexible design which customers can select the function configuration on demands.

Magnetic & Chip Encoding, UV Printing & Labeling System (DOD8000A/DOD8000E/DOD7000A/DOD7000E)

LUK-DOD8000A

Two input modules +one labeling module
(one for ISO card, the other for non-standard card)



LUK-DOD8000E

One input module+one labeling module
+**UID Reading Module**

LUK-DOD7000A

One input module+ **two labeling modules**

LUK-DOD7000E

One input module+one labeling module

Economy UV Printing System (DOD5000/DOD3000)

LUK-DOD5000

Smart Card Chip Encoding + UV printing system

LUK-DOD3000

UV printing system

INTRODUCTION

DOD UV printing system is designed for encoding the magnetic cards and chip cards followed by UV printer to print the corresponding variable data onto the cards.

This system provides modularity and flexible design which customers can select the function configuration on demands. The configuration includes card feeding, overlapped card detection, smart card chip encoding, magnetic strip encoding, plasma surface treatment, DOD UV Printing, LED dry, OCR visual inspect, labeling , bad card rejection ,etc. The machine is available to support two magazines for different input systems(ISO cards & non-standard cards).

TECHNICAL DATA

(Magnetic & Chip Encoding, UV Printing & LabelingSystem)

Model	DOD8000A	DOD8000E	DOD7000A	DOD7000E
Air Pressure	0.6 Mpa			
Interface	Serial port, ethernet port, electric eye, encoder interface, printer head interface			
Sensor	Support a variety of external sensors (NPN type, contact type)			
Operating system	Win7			
Paper accuracy	Max. ±0.25mm			
Encoding Failure Rate	<0.1%			
Power	220V ,11kw	220V,12kw	380V, 15kw	220V,15kw
Machine Size (m, L xW xH)	6.0x1.0x1.83	8.2x0.8x1.6	6.65x0.85x1.6	3.8x0.9x1.5
Net Weight	1120kg	1300kg	1200kg	1000kg

TECHNICAL DATA

(Economy UV Printing System)

Model	DOD5000	DOD3000
Air Pressure	0.5Mpa	
Max. Printing Width	36mm	
Printing Speed	25 meters/min	
Operating system	Win7	
Power	220V ,6.5kw	220V, 4.5kw
Machine Size	2.8(L)x0.8(W)x1.50(H)m	1.8(L)x0.75(W)x1.6(H)m
Net Weight	510kg	350kg
Magetic & Chip encoding module	optional	
Labeling module	optional	

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SN	Module Configuration	Function & Parameters	UV Printing Effect	Module Photo	Model No.					
					DOD8000A	DOD8000E	DOD7000A	DOD7000E	DOD5000	DOD3000
1	DOD UV Print	▪ DOD printed content: one-dimensional code, two dimensional code, drug regulatory code, security anti-fake code, pictures, personalized number, dynamic text, serial number, data; ▪ The printed two-dimensional code information can include website, logo and pictures; ▪Maximum printing width: 36mm ,54mm or 72mm optional; ▪Print resolution: 360DPI (longitudinal direction) and 720 DPI (transverse direction) adjustable; ▪ Printing speed: Grade A , 40-45meters/min(8000A/E, 7000A/E) ; 25meters/min (DOD5000/3000) ▪ Printed Material: polished or coated cardboard,PP, PET, PVC, PETG, etc. ▪ Machine maximum processing width: 210mm; Available processing thickness: 0.15-2.0mm ▪ The fixed prefix or suffix can be added to the printing data as per customer requirements; ▪ Speed: ≥10000 cards/hour			YES	YES	YES	YES	YES	YES
2	OCR Camera Inspection	▪ Designed for identifying number, bar code, two -dimensional code ▪ The identification results can be compared with the database files ▪ Identification speed: 10000 cards/hour ▪ Equipped components: coaxial light source, CCD camera DALSA, camera lens 12mm and identification software			YES	YES	YES	YES	NO	NO
3	Labeling	▪ Labeling width: 5-100mm ; Labeling length: 6-150mm; ▪Label reel external diameter: 260mm ; internal diameter: 75mm ▪ Label feeding speed: step feeding, 19-25m/min ; output: 7000 cards/hour ▪ Labeling accuracy: ±1mm			YES	YES	YES	YES	NO	NO
4	Smart Card Chip Encoding	▪ The processed chip type: S50/S70/Fudan/ Kunrui ▪ The initial passwords in 40 sectors can be changed ▪ M1 card single block data writing can be in three ways: decimal, hexadecimal and ASCLL code ▪ Read and write data can be converted into seven formats to be sent to printer, for example; positive 10 digit, negative 10 digit, WG26,WG34, ABA+WG26, positive 8 digit, negative 8 digit) ▪ It can write or change the data in a number of blocks in one time ▪ Automatic bad card skip option is available ▪ Working speed : 2000-7000 cards/hour			YES	YES	YES	YES	YES	NO
5	Magnetic Strip Encoding	▪ Magnetic reactance: 300oe-2750oe ▪ Magnetic writing density: 210 DPI, 75DPI /210DPI , 210DPI ▪ Processed magnetic tracks: track 1, rack 2, track 3, Hico/Loco adjustable ▪ Magnetic encoding unit: one magnetic writing head+ one magnetic reading head for data proof reading ▪ Production speed: 7000 cards/hour ▪ The software can be set to print the card surface with the same data or different database. The print content can also be the data from any magnetic track ▪ Skip bad card number option is available.Right magnetic data can be converted into bar code for printing purpose			YES	YES	YES	YES	NO	NO
6	Cleaning Module	Plasma Treatment is adopted to remove the static electricity and dust of the card surface.			YES	YES	YES	YES	YES	YES
7	Card Flip Module	This card flip station is for card double sides marking			YES	YES	YES	YES	NO	NO