

PASSPORT PRINTER LP 900-i



Next Generation Passport Printer

The LP 900-i represents a new era in e-passport printing technology. This heavy duty printer combines superior quality with significant reductions in consumable costs, enabled by the implementation of advanced Micro Piezo technology.

Micro Piezo technology extends the printhead lifespan to over 100.000 passport prints while also considerably reducing ink consumption.

With large ink tanks, the LP 900-i can print up to 20.000 passport pages. The pigmented inks make every print water- and UV-resistant, with a competitive price.



SECURITY



Laminates continuous holographic pattern or customized pattern with synchronization marks to center the seal on passport page.

VERSATILITY



Laminates all pages of passport, including the inside of cover. Customizable parameters for different passport materials and foils.

IMAGE QUALITY



Versatile useable Laminates all pages of passport, including the inside of cover. Customizable parameters for different passport materials and foils.

RELIABILITY



Inkjet printing technology has demonstrated high levels for reliability and consistency for secure government documents coupled with security laminates. This system can deliver durable, high quality personalisation.

INNOVATION



It combines superior quality with significant reductions in consumable costs, enabled by the implementation of advanced Micro Piezo technology.

DURABILITY



Extremely robust metal construction. Developed with high-quality materials for demanding applications in the industrial area.

PASSPORT PRINTER LP 900-i



Printer Type	Printer Type Color Inkjet Printer
Printing Technology	Heat Free Micro Piezo Technology
Printhead Life Time	100.000 to 250.000 Passports Depending on Operating Conditions
Printing Resolution	5760 x 1440 Dpi – Minimum Droplet Size 3pl with variable-Sized Droplet Technology
Ink Capacity	70 ml per color + 1 extra 70 ml BK, up to 20,000 Passport Pages (upon print quality and document content)
Ink Type	CMYK Pigmented ink (Water/UV Resistant) – Dye Optional
Passbook	ICAO 9303 Compliant booklet, 24 to 96 pages
Chip Encoding	ICAO 9303 compliant RFID reader/writer- All ISO 14443 type A & B contactless Module
Camera	Integrated 5M Pixel Color Camera for Optical Print Alignment, Quality Control, Fake Passport Detection and Job Monitoring
LED illumination	White – UV – IR (Optional)
Passport Verification	Automatic MRZ and Chip Data Verification after Printing (No Need to Passport Reader)
Personalization Speed	Up to 290 bph (Upon Print Quality, Document Contents and Encoding Data)
Printer Diminution/Weight	(H 160mm x W 480 mm x D 500 mm)- Weight 12 kg
Operating System	Windows 11, 10, 8.1, 8, 7 (32 & 64 bits)
Connectivity	USB 2.0 B Type, Internal USB Hub (all slots allocated)
Operating conditions	15°C to 35°C (59°F to 95°F) non-condensing
Power Supply	100 to 240 V AC- 50/60 Hz
Energy Use	2.2 Watt (Ready), 0.3 Watt (Power off), 0.7 Watt (sleep mode), 10 Watt (Printing)
Noise level	5.1 B (A) with High Quality Mode- 38 dB with high Quality Mode
Certification & Compliance	WEEE, RoHS, CE
Country of origin	Designed and assembled in Germany (EU)
Warranty	12 months or 30.000 booklets

Up to 20.000
Passport Pages



Per Ink Tank

ICAO 9303



COMPLIANT

Digital Camera



Passport/Chip
Verification

Water Proof /
UV Resistant



Full Pigment ink

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