

## *Passport Printer LP3000*

The **LP3000** is a six-colour high secure inkjet printer for machine readable passports based on innovative print technology by Hewlett Packard. Passports with up to 100 pages can be processed. Each single page can get its individual print face, visa-, observation page et cetera. Versatile including many standard features the LP3000 fits perfect into passport office environments.

### **High Security**

With its high speed USB 2.0 connection the LAPIS GMBH Passport Printer can be connected to a document reader via PC. In this combination basic data can be automatically copied from a former passport or ID document. Printing is possible after successful verification of traveler's former document or legally issued application form, only.

### **UV Colours**

Outstanding with LAPIS GMBH Passport Printer is its ability of printing invisible UV colours to the visible colours simultaneously. This advantage features enhanced security on personalization and passport issuing. LAPIS GMBH offers a wide range of UV colours, visible under UV light wave range of 254 or 365 nm only. Various ink/print combinations like visible and invisible UV colour ghost image, printed data page in UV colours, full colour UV ghost photo et cetera, are possible.

**Visible Inks:** cyan, magenta, yellow, black (others on request). **Invisible Inks:** UV blue or UV red (others on request). **Infrared Ink:** On request.



### **FEATURES**

#### **RFID Reader and Writer**

The LP3000 Passport Printer comes with RFID Reader and Writer to read and write data to a RFID chip according ICAO recommendations.

## Camera System

The Camera System enables to print holder's data to a pre-printed form. Camera can retrieve information like passport number from the document.

## Printing system – Designed to save ink and money

Some printer manufacturers claim that systems with tri-colour cartridges waste ink as the whole cartridge needs to be replaced when a particular colour runs out; whereas in individual-cartridge systems, only the ink that has run out needs to be replaced. In fact, efficient ink usage is not about the type of cartridge (individual or tri-colour), but rather about the design and performance of the printing system. To demonstrate the point, HP commissioned independent research. The research shows that tested against comparable HP tri-colour-cartridge printers, competing-brand printers with individual ink cartridges used twice as much ink to print the same number of pages\*! With their efficient design, HP printers print up to twice as many high-quality pages using the same amount of ink as competing printers with individual ink cartridges\*. Clearly, printers with individual ink cartridges for each colour are not inherently more efficient than printers with tri-colour cartridges.

## Technical Data:

Print Technology	6 Colour Thermal Ink-Jet Printing
Printing Resolution	Up to 4800 dpi
Printer Driver	Windows 2000, XP, Vista
Supported Client Operating System	MS Windows XP, MS Windows 2000 Mac OS X
Printer Language	HP PCL Level 3 Enhanced
Ink Cartridge 1 - Visible Inks	Cyan, Magenta, Yellow, black (others on request)
Ink Cartridge 2 - Invisible Inks visible under UV light 254 nm or 365 nm only	UV Blue or UV Red (others on request). IR (on request)
Media – Machine Readable Passbook	Up to 100 Pages
Interface	High Speed USB 2.0 (USB 1.1 compatible)
Net Dimensions (WxHxD)	454 mm x 177 mm x 345 mm
Net Weight	7 kg
Power Consumption	2 W max. when off 4 W average when idle 30 W average when printing
Input Voltage	110 V - 230 V AC, 50 Hz - 60 Hz
Operating Environment	15°C to 35°C (59°F to 95°F) 20% to 80% Humidity
Storage Environment	-20°C to 70°C (-4°F to 158°F) 5% to 85 % relative Humidity
Noise Level (ISO 9296)	5.3 B(A) Best Mode LwAd 39.6 db (A) Sound Pressure LpAm