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› [PEKOKO LBX1000 Online Inkjet Printer Instruction Manual](#)

## PEKOKO LBX1000

# PEKOKO LBX1000 Online Inkjet Printer Instruction Manual

Model: LBX1000 | Brand: PEKOKO

## 1. INTRODUCTION

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The PEKOKO LBX1000 is an online continuous inkjet printer designed for high-resolution marking on a wide range of materials. It supports printing alphanumeric text, barcodes, QR codes, logos, serial numbers, date/time codes, and batch codes. This manual provides essential information for the safe and efficient operation, setup, and maintenance of your LBX1000 printer.

## 2. SAFETY INFORMATION

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- Always ensure the printer is properly grounded before operation.
- Do not expose the printer to excessive moisture or extreme temperatures.
- Use only genuine PEKOKO ink cartridges and replacement parts.
- Avoid direct contact with ink. In case of contact, wash thoroughly with soap and water.
- Keep the printer away from children and unauthorized personnel.
- Disconnect power before performing any maintenance or cleaning.

## 3. PACKAGE CONTENTS

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Verify that all items listed below are included in your package:

## Sealing Machine



Image: The PEKOKO LBX1000 package contents, including the controller, printhead, mounting bracket, and cables.

- PEKOKO LBX1000 Controller
- Printhead
- Power Adapter
- Online Mounting Bracket
- Photoelectric Sensor
- Printhead Connection Cables
- Inkjet Cartridge (may be included separately)
- Metal/Carton Box (for storage/transport)

## 4. SPECIFICATIONS

Feature	Detail
Model	LBX1000
Product Dimensions	12.7D x 20.3W x 12.7H Centimetres
Item Weight	4.6 Kilograms
Display Type	7-inch LCD Touch Screen
Memory Storage Capacity	8 GB RAM
Printing Technology	Inkjet
Maximum Print Resolution	600 x 300 DPI (adjustable 150-600DPI)
Maximum Print Speed	70 meters per minute (230 fpm)
Ink Colors Supported	Black, White, Red, Yellow, Blue, Green, Invisible
Hardware Interface	Ethernet, USB
Compatible Devices	Carton Boxes, Glass Bottles, Plastic Bags, Metal Parts, etc.
Special Features	Automatic, Long-Lasting, Quick Dry, Touch Screen, High Speed

## 5. SETUP

### 5.1 Unpacking and Initial Inspection

Carefully remove all components from the packaging. Inspect for any signs of damage during transit. Report any damage to your supplier immediately.

### 5.2 Component Connection

1. **Connect the Printhead:** Attach the printhead to the controller using the provided printhead connection cables. Ensure connections are secure.
2. **Connect the Photoelectric Sensor:** If using for automated production lines, connect the photoelectric sensor to the designated port on the controller.
3. **Power Connection:** Connect the power adapter to the controller and then plug it into a suitable power outlet.
4. **USB/Ethernet (Optional):** For data transfer or network integration, connect USB devices or an Ethernet cable as needed.

### 5.3 Mounting the Printer

The LBX1000 is designed for online integration. Use the online mounting bracket to securely position the printhead and controller on your production line. Ensure the printhead is at the correct distance and angle from the material to be printed.



Image: An example setup of the PEKOKO LBX1000 online inkjet printer integrated with a conveyor belt system.



## L4pro Handheld La-ser Marking Machine

- 5-inch touch screen, Integrated touch system
- Light weight 1.1kg, easy to operate
- 9000mAh Removable battery + a backup included
- Widely Application for marking on many materials



Wood



Phone case



Painted



Animal Tag

Image: Components of the optional floor stand for the PEKOKO LBX1000 printer, showing assembly details.

## 6. OPERATING INSTRUCTIONS

### 6.1 Power On/Off

To power on, press the power button on the controller. To power off, follow the shutdown procedure on the touch screen to ensure data is saved, then press the power button.

### 6.2 Touch Screen Interface

The 7-inch touch screen LCD provides an intuitive interface for all printer operations. It features a Cortex Quad Core CPU for smooth performance.



Image: The 7-inch touch screen LCD of the PEKOKO LBX1000, showing the text input interface.

### 6.3 Creating Print Jobs

The printer supports various data types and content customization.

#### 6.3.1 Variable Data Printing

The system supports printing variable text, QR codes, barcodes, and serial numbers. Use the data base function to manage and integrate variable information into your print jobs.



Image: The control panel displaying settings for printing variable data, including counters and system values.

### 6.3.2 Content Multiplexing

The printer allows for flexible content creation, supporting solid fonts, bitmap fonts, and importing Chinese and English characters, numbers, dates, QR codes, barcodes, and 1-8 variable serial numbers. You can adjust the size of the content as required.



Image: A close-up of the PEKOKO LBX1000 touch screen interface, showing text input and editing options for print content.

### 6.3.3 Font and Language Settings

The printer supports multiple languages including Arabic, English, French, German, Greek, Hungarian, Italian, Korean, Persian, Portuguese, Russian, Spanish, Thai, Turkish, Vietnamese, Chinese Simplified, and Chinese Traditional. Font sizes can be customized and added freely.

# Two heights of nozzles available



12.7mm print height

font printing maximum height 12.7mm



25.4mm print height

font printing maximum height 25.4mm



1 to 5 lines of content can be typed at once



1 to 10 lines of content can be typed at once

Image: The control panel displaying language and font settings, allowing for customization.

## 6.4 Memory and Storage

The printer is equipped with 8GB RAM, allowing for local storage of multiple data files. You can edit files and data directly on the screen without needing to connect to a PC.

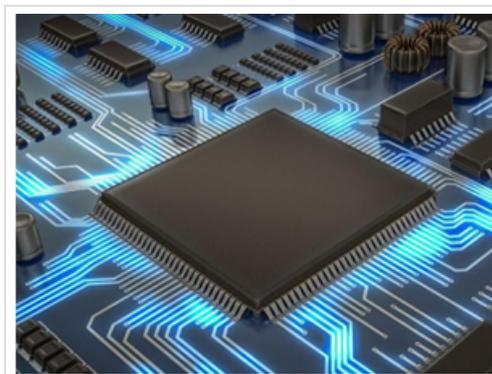
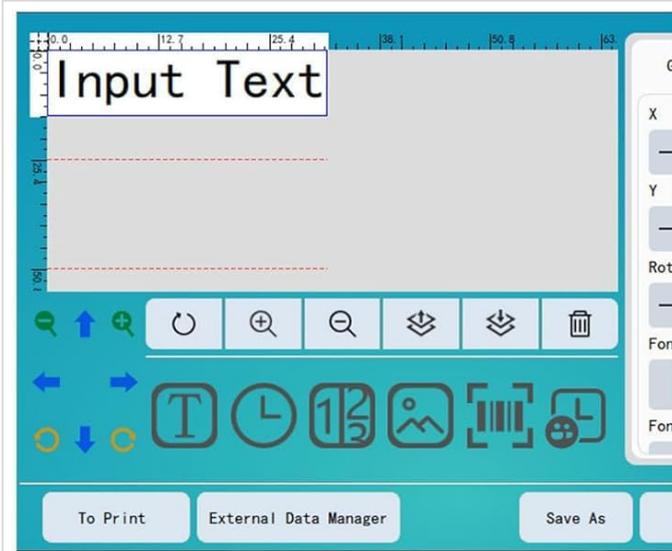


Image: An internal circuit board, representing the 8GB RAM and processing capabilities of the printer.

## 6.5 Ink Cartridge Installation and Nozzle Heights

The printer uses quick-dry ink cartridges. Ensure the correct cartridge is installed for your application. Two nozzle heights

are available: 12.7mm and 25.4mm, allowing for different print heights.



3

## Printing content multiplex

Printing content multiplex

Support Solid Font, Bitmap Font, Import Chinese and English, Number, Date, QR Code, Barcode. And 1-8 variable serial number. Adjust the size of content on your demand.

4

## Large capacity Storage

8GB RAM, Supply 10,000,000 data, Edit the file and data on Machine any time without connecting PC.

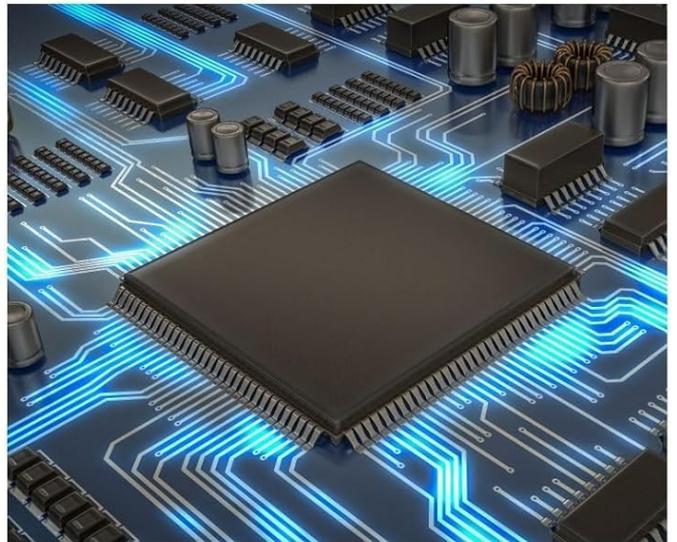


Image: A comparison of two different printhead nozzles, illustrating 12.7mm and 25.4mm print height capabilities.



5

## Font and language

It contains language of many countries

font size can be customized and added freely

We Supports OEM,ODM



6

## Quick dry ink cartridge

After using the machine, please take out the ink cartridge from the machine and put it in the clip of the ink cartridge to avoid damaging the ink cartridge.



Image: The control panel displaying print settings and examples of print yield for various content types like text, QR codes, and barcodes.

The following table outlines typical production line speed and resolution capabilities:

# Printing Cost

One ink cartridge can yield how many printings? It will calculate based upon message created and ink settings selected (font type, dpi, height, width, etc.)



A	MFG:2022.09.14	MFG:2022.09.14 EXP:2022.9.15
<b>80000PCS</b>	<b>120000PCS</b>	<b>60000PCS</b>
	 11112140153919	
<b>50000PCS</b>	<b>30000PCS</b>	

Image: A PEKOKO LBX1000 printer set up on a production line, with a table detailing achievable speeds and resolutions for different print types.

## 6.7 Compatible Materials and Applications

The PEKOKO LBX1000 is suitable for marking on porous, semi-porous, and non-porous substrates. This includes materials such as glass, plastics, metal, concrete, pipes, boxes, HDPE, LDPE, PETE, PET, PE, PP, PVS, PPC, OPP, and APET.

# 1



## Print Variable Data

Data base function Support Variable text Variable QR Code Barcode and Serial Number.

# 2

## 7"Smart Touch LCD

Large size of screen, Easy to read and touch Corte Quad Core CPU, The system runs smoothly, touch more comfortable and easy to operation.



Image: A demonstration of printing effects on various materials, including cartons, bottles, polybags, paper boxes, wood, cosmetics, PET bottles, cement bags, PVC pipes, eggs, ceramic, and labels.

## 7. MAINTENANCE

### 7.1 Ink Cartridge Care

After using the machine, carefully remove the ink cartridge from the printer. Place it in the designated clip or protective casing to prevent damage and drying of the nozzle. This ensures the longevity and performance of the ink cartridge.

### 7.2 General Cleaning

Regularly clean the exterior of the printer and the printhead area with a soft, lint-free cloth. Ensure no dust or debris accumulates around the printhead nozzles. Use a recommended cleaning solution if necessary, following manufacturer guidelines.

## 8. TROUBLESHOOTING

This section provides solutions to common issues. For problems not listed here, please contact customer support.

### 8.1 Common Issues and Solutions

- **No Power:** Check power cable connections and ensure the power outlet is functional. Verify the power adapter is correctly connected.
- **Poor Print Quality:**
  - Check ink cartridge level and replace if low.
  - Ensure the printhead nozzles are clean and free from clogs.
  - Verify print settings (DPI, font size) are appropriate for the material.
  - Adjust the distance between the printhead and the printing surface.
- **Printer Not Responding:** Restart the printer. If the issue persists, check all cable connections.
- **Error Messages:** Refer to the on-screen error message for specific guidance. If unable to resolve, note the error code and contact support.

## 9. WARRANTY AND SUPPORT

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PEKOKO offers flexible user administration with 3 levels of access. For technical support, warranty inquiries, or service, please use the contact information below:

- **Telephone/WhatsApp/WeChat:** [+8613950248969](tel:+8613950248969)
- **Email:** [zack@pekoko.com](mailto:zack@pekoko.com)
- **Online Store:** [Visit PEKOKO on Amazon](#)