LANGDE®

NEW DIAPHRAGM PUMP SERIES

Unprecedented Comprehensive Upgrade

CONTINUOUS INK JET PRINTER
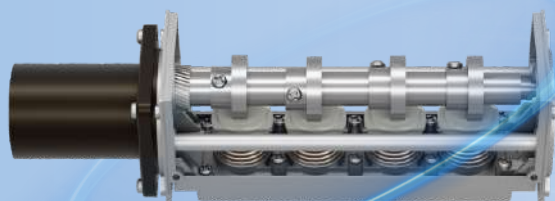
LANGDE 760

STABILITY | ECONOMY | INTELLIGENCE | VERSATILITY

Langde Technology Co.,LTD
Stay Focused · Stay Ahead
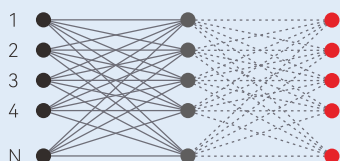
Redefining the **Six Core Technologies**

Principles of Biomimetics
Four pumps integrated   *HOT*

According to the principles of human heart biomimetics, micro motion has no wear and tear, does not degrade ink performance, and has a long service life.

Fourier Core Algorithm

Ink dot dynamic self calibration technology: ensures stable operation under different environmental temperatures, ink viscosity, and other conditions.

1
2
3
4
N

Eight Core · High Speed CPU

Human machineinterface, core data, print management, printhead control, power management,networkmanagement, consumables management,interfacemanagement,8 independent systems work perfectly together, with strong scalability.

Printhead · four valves structure

Can efficiently and thoroughly handle the nozzle, ensuring smooth and clean operation every time the machine is turned on or off
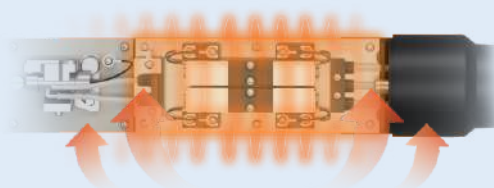
Independent viscometer

Accurate measurement of ink viscosity, timely dynamic calibration to ensure perfect printing effect

Intelligent printhead heating

Ensure that the printhead ink works within a reasonable temperature rangeto ensure perfect printing

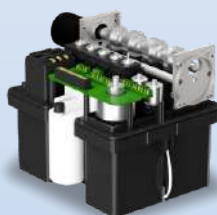## Overall savings · **Subtraction for production costs**   ECONOMY

Save
consumables

About 50% less consumables than gear pump series models

Save
accessories

Each accessory unit is independently designed for flexible replacement, reducing maintenance costs

Save
maintenance

Built in multiple intelligent control programs for one click diagnosis and quick processing
Shorten maintenance time

Save
manpower

A concise human–computer interaction interface with foolproof design to prevent errors and significantly reduce professional requirements

Save
time

Remote centralized control of Scloud AI big data analysis to improve work efficiency

New Operation · Internet Cloud Service Platform

INTELLIGENCE

Flexible internet access can be achieved through wired networks, wireless networks, environmental hotspots, mobile hotspots, and optional 5G network cards.

Inkjet Printing Butler System NEW

Utilize the network to centrally manage all online devices, comprehensively analyze important node parameters through AI big data, and gain a deeper understanding of the long-term operational status of the devices.

Record charts and analyze operational conditions in detail HOT

Regularly upload all device information, and the large backend server automatically records the operating status of the entire lifecycle of the device. You can select time nodes to view relevant data in segments, presented in the form of charts, simple, efficient, and clear at a glance.

Inkjet Printing Butler System – Cockpit Main Window

Thousand mile eye system NEW

PC/smartphone can be used to dynamically monitor the operation of devices at all times, remotely control machines, such as on-site, greatly improving work efficiency.

Intelligent push of fault information HOT

Equipment malfunctions, Ink depletion, make-up depletion, and other information can be notified to users through modern communication methods such as email and SMS. You can get on-site information in real time wherever you are in the world.

Flexibility · Adaptable to various work scenarios NEW

VERSATILITY

Parameter — Flexible customization of various parameters, displaying only commonly used parameters and shielding some irrelevant parameters.

Software — According to the actual needs of customers, various special software can be customized flexibly and privately.

Hardware — According to the actual situation of the production line, special models with different nozzle throat lengths and protection levels can be customized.

Interface — Rich input and output module interfaces make it easy to connect with industrial equipment such as MES systems, PLC weighing instruments, and scanning guns for dynamic data transmission

Power supply — Automatic switching of voltage between 85-265V,optional with built-in UPS uninterruptible power supply to constantly monitorthe power supply situation,to prevent accidental power outage that may cause the nozzle to be unable to clean.

Networking — Flexible internet access can be achieved through wired networks, wireless networks, environmental hotspots, mobile hotspots, and optional 5G network cards.

Operate — Humanized human-machine interface, foolproof design to prevent errors, smooth touch for PC and mobile remote flexible control.

Accessory — Each accessory unit is designed independently, allowing for flexible replacement and reducing maintenance costs

Alarm — DIY customization of alarm content and format can be tailored to meet the needs of the work environment

Typeface — Free selection of required fonts, DIY modification of fonts, and creation of specialized fonts

Consumables — Flexible selection of 500ml/750m or large capacity continuous supply system.

The pictures are for reference only, please focus on the actual product.

Brand Honors · **Patented technology** ⑱ **+Copyrights** ⑪

· National non regional enterprise
· National high-tech enterprise
· National software enterprise environmental management system certification
· Quality management system certification
· Occupational health and safety management system certification
· Five star after-sales service certification
· Information security system certification
· Information technology service management system certification
· EU CE certification

For more certificates, please contact us freely.

Standard functions

Number of printing lines: 1-5 lines (5x5 dot matrix)

Number of printing dots: 5x5, 5x7, 7x9, 6x12, 8x16, 12x16, 11x24, 16x32,Self-edited dot matrix information within 34 dots.

Printing speed: 325 m/min (5 dot matrix), 315 m/min (7 dot matrix), 245 m/min (9 dot matrix)
138 m/min (12 dot matrix), 128 m/min (16 dot matrix), 45 m/min (24 dot matrix), 18 m/min (34 dot matrix)

Operation interface: color touch screen, graphic menu.

Storage information: unlimited storage of printing information (can be connected to external mobile memory)

Printing content: date, time, automatic date, automatic validity period, class number, batch number, serial number,
four groups of counters, meter counting, self-edited pattern, variable barcode, variable QR code,
anti-counterfeit code, multiple languages, multiple fonts.

Printing length: 1024 characters as standard (customizable)

Input method: Pinyin input method, area code input method, multi-language input.

Printing ink: black, blue, red, yellow and other colors of ink.

Printing character height: 1~12mm (adjustable).

Printing distance: 1~30mm (adjustable).

Font widening: 1~9 times, can be widened for a single character.

Font direction: normal characters, reverse characters, inverted characters, reversed characters,

Printing direction can be set independently for a single character.

Font spacing: 1~8 times, can be edited point by point.

Positive pressure air for nozzle: optional

Bar code
EAN 8 &13; Code 128 A,B &C;
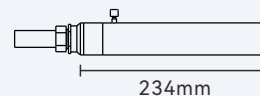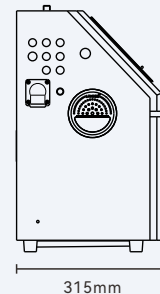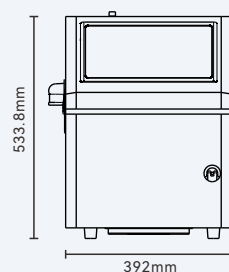EAN 128; Code 39; Code 93; Interleaved 2 of 5
QR code(QR,DM)
10×10, 12×12, 14×14, 16×16, 18×18, 20×20,
24×24, 34×34

Ink/Make-up Smart Cartridge
Ink Smart Cartridge: (500mL / 750 mL)
Make-up Smart Cartridge: (500mL / 750 mL)

533.8mm

392mm

315mm

42mm

234mm