

NCT300

Half-Inch Dual-Head Inkjet Printer

Interactive design upgrade, high-definition intelligent control experience

- Equipped with a new generation of intelligent system, 1280*800 high-definition resolution screen, clear function icons, even novices can quickly master it. supports special software services, such as API upgrade/exclusive APP function development.
- **Capacitive touch screen, external SD card expansion**
- 7-inch industrial-grade capacitive touch screen, using advanced sensing technology, precise touch, fast response.
- Breakthrough equipped with external SD card expansion, as well as conventional serial port, network port, USB, alarm light, counters, encoders, and sensors. Whether it is a typical use scenario or an extreme challenge, it can cope with it easily.
- **Gradual authority control and cost optimization**
- Set exclusive operation permissions for different roles, improve production efficiency, effectively reduce production losses caused by manual misoperation, and accurately manage daily production and complex projects. The printing position is accurate and clear, stably adapting to high-frequency printing scenarios, while friendly equipment costs, and enabling the entire production process with super stability.
- **Lightweight and sturdy body, easy to deal with harsh environments**
- The new deep space gray aluminum body design is formed in one piece using die-casting technology, which is sturdy and durable. Its excellent corrosion resistance can effectively withstand the erosion of acid, alkali, humidity and other factors in industrial production.



HALF-INCH DUAL-HEAD INKJET PRINTER

Printing Parameters

- **Nozzle type:** TU2.5 thermal nozzle
- **Printing accuracy** 150dpi low resolution and 300dpi high resolution optional, maximum speed 60m/min, adjustable printing grayscale 1-6 levels.
- **Printing height:** Minimum printing 1mm, maximum printing height 12.7mm (the best quality distance between the nozzle and the printing surface is 1-2mm)
- **Printing content:** Multilingual characters / dynamic traceability QR code / barcode / graphics / serial number / date / counter / variable database / network serial port real time dynamic data printing...
- **Printing material:** Carton / plastic / metal / plate / pipe / stone / cable / electronic components / auto parts / industrial chemical packaging / medical / food gift box
- **Ink type:** 42ml food grade / water-based / oil-based / weak solvent / solvent ink cartridge, large-capacity ink bag continuous ink supply system

Machine Parameters

- Embedded Linux operating system
- **Main hardware:** Cortex-A7 1.2GHz dual-core processor, FPGA algorithm acceleration chipset
- **Communication interface:** USB, RS232, TCP/IP network interface
- **External interface:** Photocell, encoder, alarm light, Ethernet, external flip and inversion
- **Input method**
- Support keyboard multi-language input
- **User management**
Administrator account authority management, authorization management,
- **Power supply:** 100V-240VAC input, 24V2.75ADC output
- **Machine material:** 128mm*87mm*27mm
- **Working environment:** Temperature 0-45°C / humidity 30-70% Rh



Cartons



Plastic



Metal



Cables



Auto Parts



Chemicals & Pharmaceutical

