

Inkjet Specifications

Printing features

- ◆ MFD, Expiry Date, batch, graphics, Logo, counter, date, time, shift etc.
- ◆ 1~5 lines printing (5x5)
- ◆ Upto 4 lines Chinese fonts, and fonts can be customized the font
- ◆ Max printing speed: 405m/min (5x5, single line)
- ◆ Direct input simplified Chinese, traditional Chinese, English, Arabic, Persian, Russian, German, etc.

Interface & Communication

- ◆ 7" TFT color screen, with int'l standard QWERTY keypad
- ◆ USB disk, to save/restore text & config, to load logos from PC to printers, to upgrade software
- ◆ Ethernet port (10/100MB)
- ◆ RS232/485 port
- ◆ Security code and variable barcode is available

Electronic & Software Features

- ◆ 32 digits embedded LINUX operation system
- ◆ User friendly interface, WYSIWYG display
- ◆ Storage memory 40MB
- ◆ "RUN/STOP" hot key to start/stop printer automatically
- ◆ "INFO" hot key to list the history of errors to ease maintenance
- ◆ "PRINT MENU" hot key to activate printing instantly
- ◆ USB/Ethernet software upgrading
- ◆ Pop-up window to remind changing filters in every 2,000 hours
- ◆ Real time and date with calendar
- ◆ Printing mode: Standard, Multi-line High Speed, Graphic
- ◆ Text format: Horizontal-reverse, Vertical-reverse, Negative, Double Space, Bold, Character Width
- ◆ Defined grid value to move the editing cursors at a certain dot
- ◆ 3 counters & 4 shifts, automatically
- ◆ Build-in graphic/logo editing software as standard, full screen
- ◆ OPS(Encoder Direction Recognition & Printing Compensation Function)
- ◆ DMS(Distance Measuring System)
- ◆ Passwords give accesses to different users
- ◆ Multi operation language available

Hydraulic System

- ◆ Compact design, easy to use and service
- ◆ Detector in solvent bottle to give alarm when no sufficient solvent
- ◆ Head embedded magnifying glass with LED, easy to check shape of drops
- ◆ Positive air inlet to print head for dusty environment

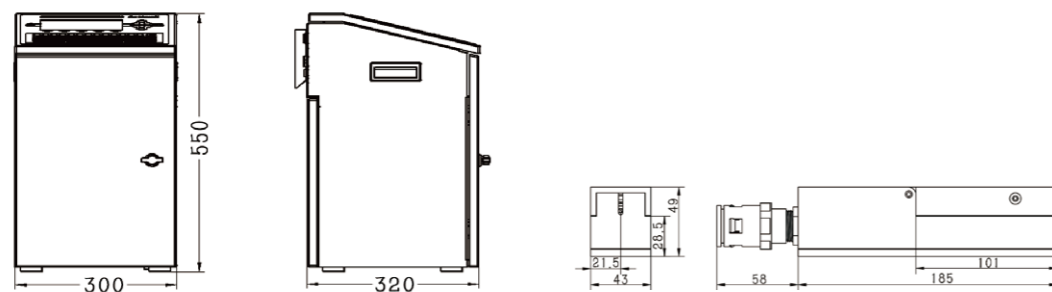
Ink Range

- ◆ Full range of inks available

Certification/Standard approved

- ◆ TÜV/ISO9001
- ◆ CE (EMC, MD&LVD)

Dimension of Main Cabinet



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Physical Features

- ◆ Printer house/Cabinet: IP54 stainless steel
- ◆ Umbilical hose standard: Length 2,500mm, Diameter 20mm
- ◆ Printer dimension: H550x W300x D320mm
- ◆ Print head dimension: H185.5x W43x D49mm
- ◆ G.W.: 33KG
- ◆ Power supply: Single phase, 110~220V, 50/60HZ
- ◆ Electrical plug, multi type available
- ◆ Work temperature: 5~45C(35~100F)
- ◆ Work humidity: max.90% R.H., non-condensing

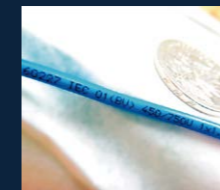
Optional Accessories

- ◆ Photo sensor
- ◆ Shaft encoder
- ◆ Alarm system, 3 colors
- ◆ Speed adjustable conveyor
- ◆ Meter counter device
- ◆ Sliding table
- ◆ PC logo software
- ◆ L shape head

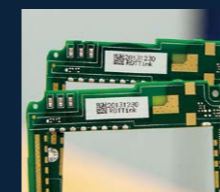


i-jet 455HB

Small character Inkjet Printer ■ ■ ■



Simple



Reliable



Economical

HIGH SPEED BLACK INKJET PRINTER

Simple for Users

SIMPLE & EASY DESIGN FOR OPERATION & SERVICE

- 7" TrueColor Screen with WYSIWYG display
- "PRINT MENU" hot key, one touch to START/STOP printing
- Build-in logo editor to create/edit logos easily at any time you want
- Head-embedded magnifying glass with LED to observe ink drops
- Positive air to print head is available to keep head clean & dry under tough working condition
- Security Code, variable barcode printing function available

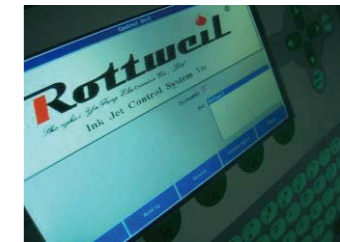


Ink system

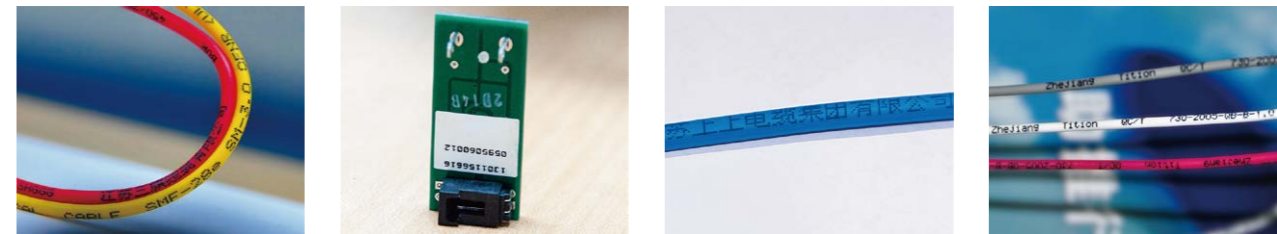


Features of i jet 455HB

- High speed, 405m/min with 5x5 font, for Chinese character 9x6, can be 260m/min
- Minimum 0.8mm font height, Max. 6mm font height
- Tiny, Clear, high quality printing, make your products more outstanding
- Generate 88K ink drops per second, guarantee the printing speed along with the printing quality



Operation panel, LINUX system



Reliable for Productivity

ONE OF THE MOST RELIABLE INK SYSTEMS DESIGNED BY GERMANY

- Core Parts imported with high quality
- Auto flush and full clean system, ensures a smooth starting-up process
- Isolated ink system and electrical system
- IP54 protection level, to adapt to the harsh environment of use
- Throat using industrial grade protection, adapt to various harsh production environment



Print head

Economical

RUNNING AND MAINTENANCE COST LOW
CHOICE OF HIGH QUALITY WITH
REASONABLE PRICE

- Lower consumption. Economic, saving, and high efficient
- 1.5L big volume solvent container, reduce the refill times
- Low running cost, low maintenance cost, only change filters kit as regular maintenance service
- Consumable used based on requirement, can refill easily, no waste, no hidden cost
- Accurate meter marking, save time to adjust the meter



big solvent container (1.5L)

Printing Samples

i-jet 455HB Standard Printing Mode

| | 1 line | 2 lines | 3 lines | 4 lines |
|---------|------------------------------------------------|--------------------------------------|----------------------------------------------------|---------------------------------------------------------------------|
| 5 dots | ABCDEF61234567 | 合格 2016/08/17 2014/08/18 | 合格 LOT: 1408001A MFG: 14/08/18 EXP: 16/08/17 | 合格 PAT: 0875E-24 LOT: 1408001A MFG: 14/08/18 EXP: 16/08/17 |
| 7 dots | ABCDEF61234567 | 合格 2016/08/17 2014/08/18 | 合格 LOT: 1408001a MFG: 14/08/18 EXP: 16/08/17 | 合格 PAT: 0875E-24 LOT: 1408001a MFG: 14/08/18 EXP: 16/08/17 |
| 11 dots | 1 line | 2 lines | 3 lines | 4 lines |
| | 生产日期: 2014/08/08 | 有效期至: 2016/08/17 生产日期: 2014/08/18 | 上海美罗公司 美创力小字符 | ABCDefgh 5678 Rottweil 1234 |
| 24 dots | 1 line | 2 lines | | |
| | 美创力小字符 | ABCDefgh5678 | 批号: 0875E-24 | |
| Special | Barcode, 2D Matrix, Arabic, Graphical, LOGO... | | | |
| | 6 927006 113944 | Garlock | Rottweil® | 中国电信 |