



Drucker® α1-Plus

88K High Speed

Small Character InkJet Printer



Advanced Capabilities

- High Speed Inkjet Printer.
- up to 1,116 fpm (340 mpm), 7x5 twin line up to 480 fpm (146 mpm).
- Advanced clean flow printhead design maximizes uptime.
- Advanced connectivity makes integration simpler (RS232, USB, RJ45, Wi-fi)

Simple to maintain

- No ink core, no ink module, one main filter only.
- 2000 – 6000 hrs depend on operational environment.



Line Speed Capability

- 1 line 5x5 @ 340 mpm \ 1115 fpm
- 1 line 7x5 @ 270 mpm \ 886 fpm
- 2 lines 7x5 @ 146 mpm \ 480 fpm
- 3 lines 7x5 @ 70 mpm \ 230 fpm
- 4 lines 7x5 @ 40 mpm \ 132 fpm

Font Matrix Configuration

- Single-line: 5x5, 7x5, 9x7, 11x7, 15x11, 23x15, 32x24
- Twin-line: 5x5, 7x5, 9x7, 11x7, 15x11, 23x15
- Three-line: 5x5, 7x5, 9x7, 11x7, 15x11
- Four-line: 5x5, 7x5, 9x7, 11x7

Linear Bar Codes

- Code39, Code128, EAN128, EAN-8, EAN-13, UPC-A&E, QR code, DataMatrix

Character Height

- Selectable from 0.1 cm (0.04") to 2 cm (0.8"), depending on font

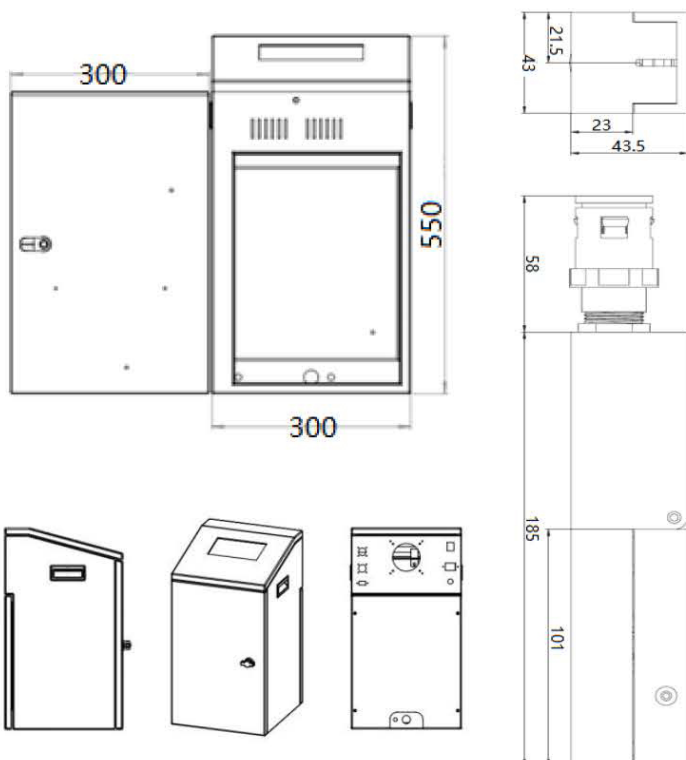
Throw Distance

- Optimal : 15 mm (0.6")
- Range : 0.5 mm (0.2") to 50 mm (2")

Display & Key-in

- 10" 800X640 Full HD touch screen
- WYSIWYG on-screen message editing, Linux smart OS with iPhone-level user experience

Dimensions



Custom Logo/Graphics

- Can be created by user on build-in logo editor on printer, or on PC by Microsoft Paint.

Character Sets

- English, Chinese, Arabic, Farsi, Latin, etc

Language and Interface Options

- English, Chinese(S+T), Arabic, Vietnamese, Thai, Farsi, French, German, Korean, Spanish, etc

Message Storage

- 1000 complex messages.

Fluid Containers

- 1500ml refillable reservoir (Ink/Solvent)

Temperature/Humidity Range

- 5°C (41°F) to 45°C (113°F)
- 0% to 90% RH non-condensing

Electrical Requirements

- Power supply 100-120/ 200-240 VAC, 50/60Hz, 120W

Net Weight

- Unpacked and dry : 27 kg (59.5 lbs)

Environmental Protection

- 316 stainless steel, IP55 standard, no plant air required

Print Head Umbilical

- 3.5 meters standard, up to 5 meters

Options

- Remote control software kit (Win10), RJ45 or Wi-Fi
- Food grade version
- Wide range of accessories (Sensors/Encoders/etc)



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