

alphaJET into Continuous InkJET system

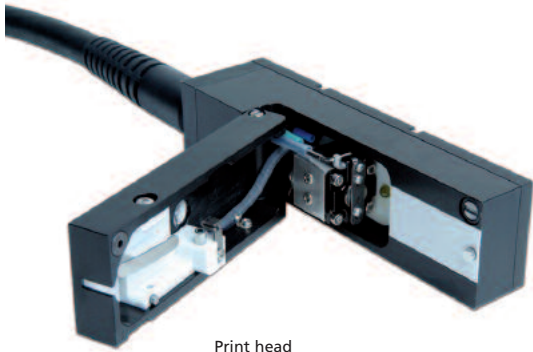


- Solvent recovery system for dramatically reduced solvent consumption
- IP 65 rated for challenging environmental conditions
- Simple, intuitive operation
- Space-saving, compact construction
- Maximum up-time, with modular construction
- Prints consistently high quality text and images (up to 5 lines), even onto structured and uneven surfaces
- Quick start-up and shut down procedures due to automatic nozzle lock
- Heated printhead for uniform droplet formation
- Ethernet (TCP/IP), USB and RS 232 ports for easy network integration
- True Type fonts



... the leading manufacturer of coding and marking systems

alphaJET into Continuous InkJET system



Print head



Multiple connections on the reverse

alphaJET into prints economically in high quality, at fast production speeds, with low maintenance and it is easy to operate.

This makes our alphaJET into the coding system of choice for everyone who demands high reliability, low cost of ownership and environment friendliness.

Housing

- Modern design
- IP 65 rated construction
- Operating temperatures +5° to +45° C
- Stainless steel

Touchscreen display

- 10.4" TFT touchscreen display with user-friendly interface
- Solvent resistant
- Graphical interface (WYSIWYG)

Ink system

- modular and easy to access
- high availability due to high quality, durable components
- easy, timesaving maintenance
- efficient and ecological
- no ink- or solvent cartridges
- Solvent recovery system as standard

Print head

- optimized design with head flap
-> easy to clean in line
- Nozzle lock -> Quick start and shut down routines
- Head heater -> uniform droplet formation
- built-in strobe-light and loupe for visual inspection of the drop formation

Interfaces and I/O standard

- Ethernet
- 1 x RS 232
- USB port
- 2 parallel inputs (product sensor and encoder)
- optional 4-color alarm-beacon
- digital I/O port
- Alarm relay

Technical data

Dimensions:

Control unit: 320 x 320 x 620 mm (incl. operator terminal)

Print system:

Print head: 40 x 40 x 145 mm (L x W x H)
Continuous ink jet system, comprising a control unit and a printing unit

Ink system:

1-litre bottles for ink and solvent, easy to change.

Ink types:

No requirement for compressed air. Solvent consumption only 2 ml/h at 20° C thanks to solvent recovery system

Working conditions:

Suited to your individual requirements, depending on product material and application, pigmented inks possible
Operating temperature: + 5° to + 45° C,
max. 90 % relative air humidity, non-condensing

Hardware:

The control unit and printing unit operate independently of each other. This allows additional printing units to be controlled from one master printer.

Text features:

Automatic date functions, continuous numbering, barcodes, data matrix code, logos, etc.; printing of True Type fonts

Fault diagnosis:

Automatic diagnostics displayed in plain text

Print speed:

Up to 2800 characters per second

Print head distance:

1 - 25 mm

License:

Light

Standard

Print resolution:

24 dots

32 dots

Type height:

0.8 - 15 mm

4 lines

5 lines

(5x5 matrix)

(5x5 matrix)

Connected loads:

86 - 264 V ± 10 %, 50 - 60 Hz,
maximum power consumption 1.0 / 0.5 A

Safety standard:

Ink return control; automatic viscosity and ink level control; remote monitoring of printing errors; separation of the electronics and ink systems; practically zero emissions

Subject to technical and design changes. E&OE